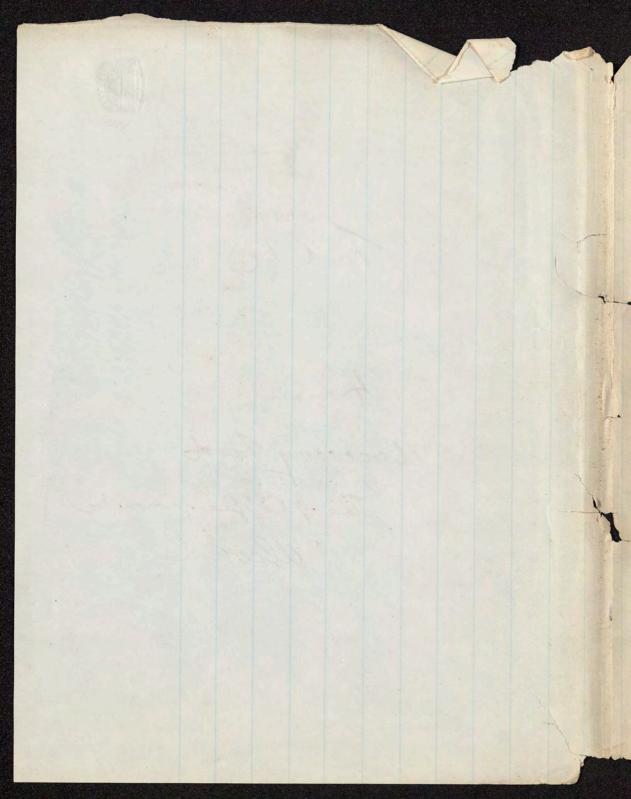
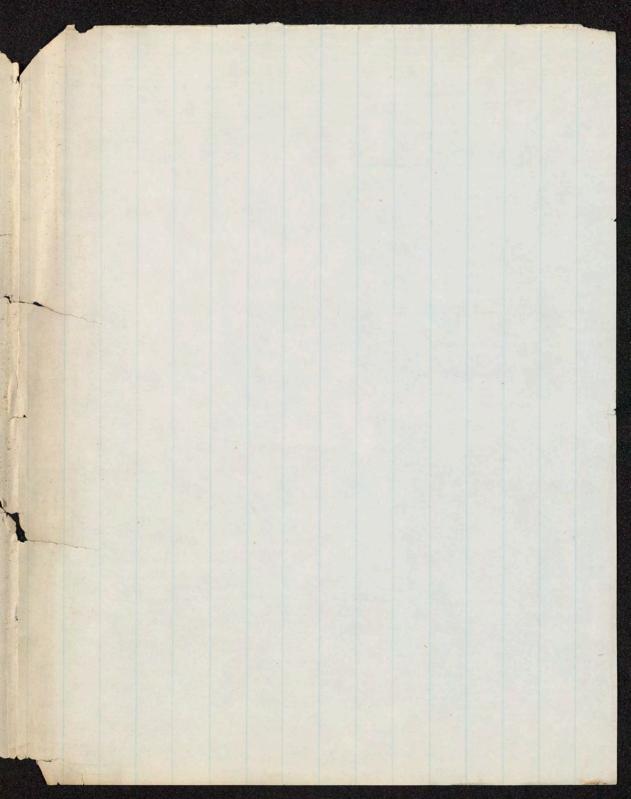


Food be accessory Food Tea, Coffee, Cocoa de alcohol!





In Frankford Germany, water from a chemical manufactory had this effect, Stone or calculus is supposed to be caused in the same way. In Russia, Novurch Eng., and Kentucky this is very common. [Sum bractice] Goitre, or enlargement of the thyroid gland is common in the low valleys of the Himalayas, Alfis &c. It is due to a combination of causes. consingraphics. Dampness, chilliness and the exclusion of light, intermarriage, and above all bad water, are the causes. Thewater is found by those who made the observation, to contain an excess of line and magnesia. Removing the patient often cures him. We are now readytopass to the ACCESSORY FOOD. is not micessary, but in many circumstances useful, The condiments: pepper, mustard, CONDIMENTS salt and vinegar, come first. They are useful when there is a debility of the dissilve agans. In perfect health,

I Punishment once in blothand to deprive crimi-

They are moderate stimulants. they are unnecessary Though beleaving UNNO By stimulation we generally mean somepar, or if below, up to it. When there is no necessity for excitement the use of stimulants is inferious. Exhaustion for follows it in the case of children and ketalthy persons, stimulants Duglit not be given. The simplest diet is always the best for health. TROPICAL THE are however, persons who need stimulation seasons are they recompany where there is a tendency to relandion of the alimentary canal. These slimulants are the products of hot climates; and are It adapted to SALT. Salt, though a condiment is necessary to those far inland. Wear the sea it is not so necessary because the veg elation and everything else possesses it Sepper is of two kinds. The black PEPPER.

Piper migram also in Jamaica Capsicum annum

of S. am. +W. Misso
n Fastinatum

of Court of Court of Courses. brick dust

LAD'A. L. ASHBRIDGE & CO. TIONEERS, No. 505 MARKE urities. POWELL' & WEST. ED ATT is the milder WED. EERS. No. 28 South FRONT stre BARRITT & CO., AUCTION RUCCims red pepper iganted. CARRIAGES, &C. G evenuso a medicin SIT. NITED STATES NATION nd Sold As to must reserved a wism WAGON AND COACH Wearks MUSTARD DINING-ROOM FURNITURE.—A ply. In large ver-ware, China-ware, Knives, For linen & C.
LIQUORS.—Also a choice selection
Brandies, Gins, Whiskies, Segars, & C.
FIXTURES.—Also the Gas Fixtures
liers, Awnings, Lamps, Kitchen Uten
MARBLE BAR.—Also the Ma
Shelves, Fire-proof Sate, & C.
LEASE.—Also the Good will and I
January 1, 1867, for Three years.

\*\*\* May be examined with Catato
days before the sate.

\*\*\* Sale without reserve or limit
of the Sheriff. it is an emel Vinegar io. VINEGAR. anti-scorbute All these. calto B. SCOTT, JR., AUCTIC adulteration Sale at 29 South Sixth street STOCK OF A WHOLESALE AND BLANK BOOK ANDERATIONERY NRIDAY MORNING, 16th inst., at 10 o'clock, on the pr mh25-1v lains woods hear &c. Red collains Buying them whole is a sure protection Mustard is not often adulterated. white is the more agreeable. Spices, likewise SPICES. oregin. The same heir len, in hot climates and BEVERAGES condements the beverages. Some

The Pepper Plant.

The three important peppers commonly found on he dinner table are white, black and cayenne, all natives of the tropics. There is a variety of the genus piper to which the white and black peppers belong—cayenne being a member of the genus capsicum called so, from a Greek word which signifies to bite. The variety is a great favorite with housekeepers and cooks, and has received from them the flattering name of "all-spice," as it combines in itself the flavor of cloves, nutmeg and cinnamon, it grows plentifully in Jamaica and other American islands, where it was first discovered by the Spaniards, who gaye it the name of Pimenta de Jamaica. The French call it the "round clove."

Black pepper is cultivated in large quantities in Malacca, Java, and especially at Sumatra, the trade of these places being almost exclusively in these spices. A pepper garden during the ripening of the pod is a lovely sight, being a large plot marked out into regular squares of six feet, in each of which are planted young treescalled chinkur cens, that serve as props to the pepper vines. When the prop has reached twelve feet high, it is cut off and the vines planted, two to each prop. A vine is three years in coming to maturity, and the fruit, which grows in long spikes, is three or four months in ripening. The berries are plucked as soon as ripe, and spread on mats on the ground to dry, by which process they become black and shrivelled, and are imported here as black pepper.

Piper migrum.

also in Jamaica

Capicum annum of S. am. VW, Diris-", Fastignatum of Coast of Ference.

brick dust

1

L. ASHBRIDGE & CO. urities. TIONEERS, No. 505 MARKE above Fifth. POWELL' & WEST, AU EERS, No. 28 South FRONT stre is the mild. apricum, or BARRITT & CO., AUCTION
No. 230 MARKET street, Cor. of eing evenused red pepper as a medicar. INITED STATES NATION As to mund sold reserved WAGON AND COACH Wemarks ap. ply. In large quantities, whe so others it is an emetic. Imaps Alba & Nigra feeds. Vinegar is, by some, thought to be VINEGAR. anti-scorbutie. If so, it is only slight All these substances are liable to adulterations. Black pepper often contains woody fibre, saw dust, ground pear, &c. Ged contains brick dust, Buying them whole is a sure protection. Mustard is not often adulterated. The while is the more agreeable. Vingo with 503 Spices, likewise, are of tropical SPICES. them. They are often required by dep hepties, I suit best in hot climates and in Luminer. Leaving the condiments we nextcome to the beverages. Some kind of will exhibit a ling beverage is taken all the world over from Paraguay to Yab ageneral demand

The Panner Bland
The cayenne of commerce is the grain or seed of capsicum ground and mixed with flour, and then baked into little cakes in an oven; these are again broken up and mixed with more four and placed in jars for sale. The tree or plant is very beautiful, and forms a great ornament to a garden, but it is very tender and requires much care. It is more pungent than either white approximate than either white or black peppers, and is often adulterated with logwood, mahogany sawdust, and red lead; this latter can, however, be easily detected by placing a spoonful carefully in a glass of water, when, should it contain any red lead, it will from its specific gravity, quickly drop to the bottom, while the cayenne will sink but slowly.

DIACK pepper is cultivated in large quantities in Malacca, Java, and especially at Sumatra, the trade of these places being almost exclusively in these spices. A repper garden during the ripening of the pod is a lovely sight, being a large plot marked out into regular squares of six feet, in each of which are planted young trees called chinkareens, that serve as props to the pepper vines. When the prop has reached twelve feet high, it is out off and the vines planted, two to each prop. A vine is three years in coming to maturity, and the fruit, which grows in long spikes, is three or four months in ripening. The berries are plucked as soon as ripe, and spread on mats on the ground to dry, by which process they become black and shrivelled, and are imported here as black pepper.

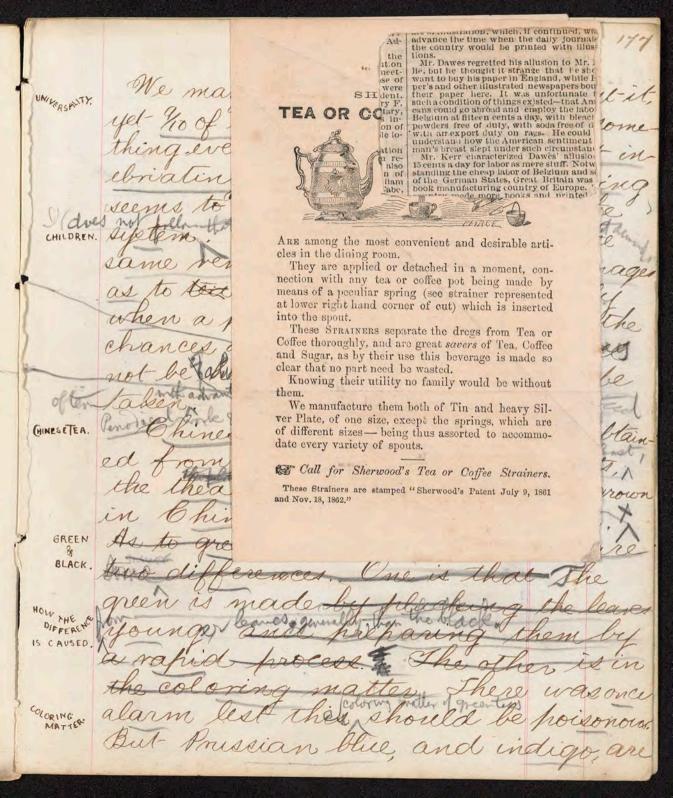
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Capeicum annum of S. am, VW, Duris-of Coast of femmer.

brick dust

Eyer Negrum red pepper is too strong, being evenused As to mustard the same remarks ap ply. In large quantities, like the states it is an emetic. Imapo Alba & Nigra, feeds. Vinegar is, by some, thought to be anti-scorbutic. If so, it is only slight All these substances are liable to adulterations. Black pepper often contains, woody fibre, saw dust, ground pear, &c. Red contains brick dust. Buying them whole is a sure protection. Mustand is not often adulterated. The while is the more agreeable. Vingo it 503 origin. The same with apply to them. They are often required by dep pepties, I suit best in hot climates and in Lummer. fearing the condiments we nextcome to the beverages. Some kind of while exhibiting beverage is taken all the world over from Faraguay to fab rador. There is a general demand.

The most extensively used England, Ilolland and Russia, as well as in Cherry, ton the Court, which of coffee and America, bring drunk; in the East, without of coffee are considered and Russia, coffee in Italy, Spain Land and Cocoa. In the United States, coffee in Italy, pounds of coffee are cocoa. In the United States, over 2000 mill, pounds of coffee are commended. Cocoa. In the Ustates, over 200 mill. pounds of coffee are annually (1868); of tea, over 30 million pounds. Thes abruary been partially materialized in the security - (St. Borevel) & Lynn the man is Vergoin - Others some & Lasia, up to 35° M. Lat. W. of Rock mountains, in Colfornia.
In S. Carolina non (1871) Incomple
In Termessee



STIMULANTS AND NARCOTICS .- A recent German treatise on stimulants and narcotics estimates that infusion of coffee leaves is used by two million persons, Paraguay tea by ten million persons, chicory, either extensively used pure or mixed with coffee, by forty million persons, cocoa, either as chocolate or in some other form, by fifty million persons, and cocoa. In coffee by one hundred million persons. Betel is chewed by one hundred million persons, hashish is chewed or smoked by England, Alolland and Russian as well the China have and American franchis drunk; in the East, while States, coffee in Italy, Spain translated and Russian Spain translated American the United States, coffee in Italy, Spain translated and States, one of the world. Cocoa. In the U. States, over 200 mill. pounds of coffee are annually (1868); of tea, over 30 million pounds. The develop been partially materialized in the deventry - (St. Bornel) & him the man in Virginia - Others since & Lasia, up to 35° M. Lat. W. of Rock mountains, in Colfornia.

In S. Carolina non (1871) Incressful

In Tennessel

one ma same ver when a

> GREEN & BLACK.

SHERWOOD'S

## TEA OR COFFEE STRAINERS



ARE among the most convenient and desirable articles in the dining room.

They are applied or detached in a moment, connection with any tea or coffee pot being made by means of a peculiar spring (see strainer represented at lower right hand corner of cut) which is inserted into the spout.

These STRAINERS separate the dregs from Tea or Coffee thoroughly, and are great savers of Tea, Coffee and Sugar, as by their use this beverage is made so clear that no part need be wasted.

Knowing their utility no family would be without them.

We manufacture them both of Tin and heavy Silver Plate, of one size, except the springs, which are of different sizes—being thus assorted to accommodate every variety of spouts.

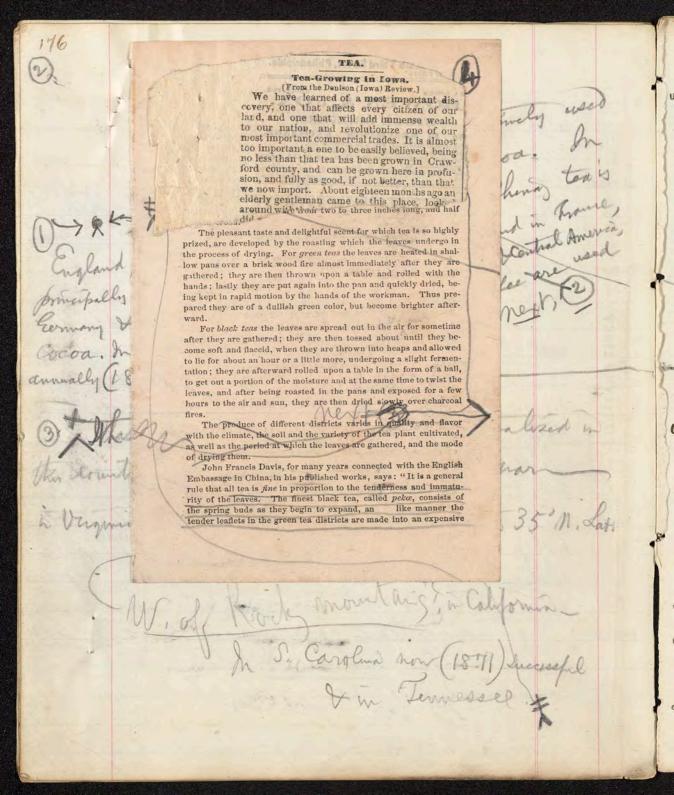
Call for Sherwood's Tea or Coffee Strainers.

These Strainers are stamped "Sherwood's Patent July 9, 1861 and Nov. 18, 1862."

green is made by filedering the leaves founds show her paring them by a rapid process. The other is in the coloring matter There was once alarm lest their should be poisonous But Prussian blue, and indigo, are

TEA. Lo Yu, a learned Chinese who lived before the 10th century says of tea-" It te npers the spirits and harmonizes the mind; dis pels lassitude and relieves fatigue; awakens thought and prevents drowsiness; lightens or refreshes the body and clears the perceptive hera ton s faculties." The rapid increase in the use of this beverage throughout Christendom indicates that the views of the enthusiastic Chinaman are being rapidly adopted. in France The tea tree grows from three to five feet high, and sometimes much higher; the leaves are from two to three inches long, and half Control America an inch broad. The pleasant taste and delightful scent for which tea is so highly prized, are developed by the roasting which the leaves undergo in the process of drying. For green teas the leaves are heated in shallow pans over a brisk wood fire almost immediately after they are gathered; they are then thrown upon a table and rolled with the hands; lastly they are put again into the pan and quickly dried, beprincipally ing kept in rapid motion by the hands of the workman. Thus prepared they are of a dullish green color, but become brighter after-Germany & ward. For black teas the leaves are spread out in the air for sometime after they are gathered; they are then tossed about until they be-Cocoa. In come soft and flaccid, when they are thrown into heaps and allowed to lie for about an hour or a little more, undergoing a slight fermentation; they are afterward rolled upon a table in the form of a ball, annually (18 to get out a portion of the moisture and at the same time to twist the leaves, and after being roasted in the pans and exposed for a few hours to the air and sun, they are then dried slowly over charcoal The produce of different districts varies in quality and flavor with the climate, the soil and the variety of the tea plant cultivated, as well as the period at which the leaves are gathered, and the mode of drying them. John Francis Davis, for many years connected with the English Embassage in China, in his published works, says: "It is a general rule that all tea is fine in proportion to the tenderness and immaturity of the leaves. The finest black tea, called pekæ, consists of the spring buds as they begin to expand, an like manner the a Vergener tender leaflets in the green tea districts are made into an expensive In Termesser

BOWEN & FOX. Me may nxl-it. yel- % of Particular attention given to investments.
Contracts made and Stocks carried at lowest rates.
Information given as to the character of the various functions of the various of t STOCK BROKERS. & some ut in ebriating . Them of the INVERTINE wino I does not tell the show you demance the same remarks apply to the beverages as to total and pepper wet is only when a person grows up, when the of ter laken to one that he will be Peno Chinese tea is the best list is obtain ed from the leaves of two process, the thea virilis & tohen It is grown in China, Asam, and Japan, GREEN As to green and black to there are BLACK. two differences. One is that The younger and proparing the leaves a rapid process. The other is in the coloring matter There was once alarm lest their should be poisonous COLORING MATTER But Amissian blue, and indigo, are



We may argue as we like against it, yet no of the human race takes someebriating. This universal craving dues not the the meand in the same remarks apply to the beverages as to the pepper wet is only when a person grows up, when the chances are ten to one that he will not be should be with that they should be forther taken to the taken to the taken the there of the taken to the best that the sold is the best that it is obtained to the sold in the best that is obtained to the sold in the best that the sold is the sold in the sold is the sold in the sold in the sold is the sold in the sold in the sold is the sold in ed from the leaves of two species, it the thea virilis & to the Stris grown in China, Assam, and Japan, GREEN As to green and black tea there are BLACK. Two differences. One is that The green is made by file then by a rapid process. The other is in the coloring matter There was once alarm lest they should be poisonous. But Anissian blue, and indigo, are

End of 9th Seture, 1870. Lehran & Bockin's experiments - 1 3 vir: \_ win, & as to Coffee It has been made doubtful by some experimenters. A Charice quick mode of making ton. Water Stold Parl. Typor ir a lecture put End of 2th Lecture, 1872. 1878, asent, without reform to an under the state of coffee and & Godling that tent coffee and & Godling aldinings where are diministrative uses.

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SHERWOOD'S

esin

## URN OR FAUCET STRAINERS



Are made expressly to fit Faucets, and when attached to Tea or Coffee Urns accomplish the same desirable result which the Tea or Coffee Strainers do when attached to Tea or Coffee Pots; and they are alike useful when applied to all Faucets through which are drawn oils syrups, compounds, spirits, or any liquids

from relarden the formation COFFEE. On the variation in the amount of urea the sustemance excreted under normal nourishment, and under the influence of si bilily tea and coffee, by M. E. Roux. The author found that these substances very largely increase the amount of both urea and chlorine voided in the urine, if they be taken after abstinence chlorine voided in the urine, if they be taken after abstinence from them, but that when continuously used, the quantity gradually returns to its normal amount. Hence he regards this action as that of the washing but of willed their is or Jea contains gluten, starch GLUTEN, tannin ( shown by its coloring STARCH, TANNIN OIL. root), and an aromalic oil on which its flavor depends. Only the best have with the Considerable amount of the The Chinese often add flowers FLOWERED TEA, to tea and some of these leas bring a high price, though much whenor to have ted A year or two ago a company

kind called Loong-tsing or hyson pekæ, which is highly esteemed by the Chinese, but is not brought to Europe, as it is so delicate and slightly fired as to spoil with the least damp." These fine and superior teas are frequently refused for poorer grades because of the annoyance from the fine settlings in the cups; but this difficulty can be entirely avoided by the use of Sherwood's TEA AND COFFEE STRAINERS, so highly prized by housekeepers. Tea was first introduced into Europe early in the 17th century by the Dutch East India Company, but its use seems to have been very limited in England, even toward the close of the century, for Mr. Pepy, Secretary of the Admiralty, writes in his diary, Sept. 25th, 1661, "I sent for a cup of tea (a Chinese drink) of which I never drank before." In 1664 the British East India Company bought two pounds and twelve ounces of tea as a present for his Majesty. "In 1667 the Company issued their first order to their agent at Bantam/to buy one hundred pounds of the best tea he could get." Until 1707, tea was sold in London at sixty shillings (\$12.00) per pound, the East India Company holding a complete monopoly of the article until the year 1833. In the year 1060 the British Parliament imposed a duty of eight pence per gallon of the beverage sold in the Coffee Houses-this duty remained until 1689, when a duty of five shillings (\$1.00) per pound was imposed. It is a remarkable fact that both tea and coffee were introduced mead "Fenland," the autnors med marshy lands, in which the rivers Witham, wernam, Ouse interlaced, including nearly 2,000 square miles, and roughly bounded by a line drawn from Lincoln by Bourn and Peterexperimenters borough to Cambridge on the west; from Lincoln to Skegness on the north; from Cambridge and St. Ives to Brandon on the and from Brandon to Lyun on the cast (thus including nd of 24th dipitalis scodlinin

the worst things used, and they are not injurious in the quantilies in Turick they are used. Black tea is the best; green is too slimulaling. The active principle THEIN. of lea is their, isomeric with caffein à mbrogenous principle. Liebig says that these nitrogenous alkaloids contribute some nutriment, but their act more as stimulants. COFFEE. Coffee retarden the formation of tissue. It makes food go further. It contributes to the sustemance. There is great plausibility in this view, but the question is still ofen. Concentrated their is a poison. Jea contains gluten, starch, tannin ( shown by its coloring asports), and an aromalic oil on which its flavor depends. Only the best have sittly considerable amount places. The Chinese often add flowers to tea and some of these teas bring a high price, though much whenov to fine ted A year or two ago a company was

\* Ceanothus in New Jessey Ten 100 Constituents of Jea. 1. Thein; I per cent the minimum 3/2 maximum 2. Volatile Oil; I per cent, maximum.

3. Gluten; 20 to 25 per cent. In China made interpotorup

4. Jannie Aejed.

2. Japan, in cup. 5. Starch, Gum, Fat, Sc. In Egypt, Coffee grade in cup. 1. Caffein; 3/4 per cent (minimum, (Johnston) 2. Volatile Oil & Empyreumatic Oil. 873 3. Gluten; 13 per cent. 4. Astringent Principle, like Tannin. 5. Fat and Extractives. Confight atm 2. Volatile Oil, chiefly empyreumatic.
3. Fatty Substance (cocoa butter) 36 per cent. 4. Starch. 5. Gluten, a considerable amount. > (Sufu board also, p. 196) <

reporthe general nervous system CAFFEIN'S on the caffein; for tea and coffee have confernation of caffein's rolatile oil If the theory be true, that coffee relards the waste of lisene, we can understand the instinct which leads working into Eng. .... and Europe in the same decide of the same carry take it three times The mode of making tea in Russia is as follows: "The tea is put into a tea-pot, boiling water poured over it, and after standing two minutes, it is poured out into glass tumblers used by coffee placed on glass saucers, sweetened with sugar and flavored with a slice of lemon. No milk is used. Being left to stand longer than two minutes is supposed to impair its flavor, by bringing out the wing the cause. coarser qualities of the leaves. Made this way it has a clear and sparkling appearance, when poured out into the tumbler." This has been proved by the dyspepsia disappearing when the use of coffee was stopped. Necrousness and palpitation are aused NERNOUS NESS PALPITATION. by coffee Pareira & Hammond Think this is not so, but they must be mista Coffee is of great value in emergen VALUE ON COPPER EMERGENCIES. grog. Drs. Kane & Hays found it to be graded in Arctic climates. In the army, coffee has been found to be ARMY. the soldier's best friend, a white you worst enemy. For such uses it should be reserved;

\* Ceanothus in New Jessey Ten De Control of Constituents of Jea. 1. Thein; I per cent the minimum Br Maximum which it is desired to separate the dregs. In China made interpolorup No. 1-13 INCH DIAMETER. just who used. No. 2-21 INCHES DIAMETER. In Japan, in cup. Those Streiners pe made wire, it is a Egypt, Coffee grate in cup. 1. Caffein; 3/4 per cent (minimum, (deluston) 2. Volatile Oil & Empyreumatic Oil. 3. Gluten; 13 per cent. 4. Astringent Principle, like Jannin. Cocoa. End ght atm 5. Fat and Extractives. 1. Theobromin 2. Volatile Oil, chiefly empyreumatic. 3. Fatty Substance (cocoa butter) 36 per cent. 4. Starch. 5. Gluten, a considerable amount. > (Sufa board also, p. 196)

reporthe general nervous system combined on the caffein; for tea and coffee have caffeins in not the same effect. They depend on the combination of caffein's volatile oil If the theory be true, that coffee relards the waste of lisene, we can understand the instinct which leads working men to use it. Many take it three times Depensia is often caused by coffee This has been proved by the dyspepsia disappearing when the use of coffee was stopped. Newousness and palpitation are caused by coffee & Pareira & Hammond think this is not so, but they must be mista Ken ble de Statell agent interior grog. Drs. Rane & Hays found it to be gradin Arctic climates. In the army, coffee has been found to be ARMY. the soldier's best friend, as white you has most enemy. For such uses it should be reserved;

Conher of Paris proposer in a test with the fact that pure coffee will float while on boiling water, from disangagement of CO2; while chica. - of mell sink. In buying the whole grains there can be but note of being deceived. But even they are sometimes countefected! But what they will affect the sometimes countefected! of South america. Caracas. Caracas.

pounds her arways ocen rame . I stitutes forcoffeel. SUBSTITUTES ject of investigation with chemists, from the time COFFEE. tis used intent of Berzelius down. CHICCORY. an adultera LABORATORY NOTES. iona DESTROYING AMMONIC CHLORIDE. - Prof. J d here by th Lawrence Smith recommends the use of nitric acid for destroying any excess of ammonic chloride tha may be present in an analysis. The solution is evaporated to a small bulk, and then an excess of nitric acid added and the liquid gently evaporated to dryness. The chloride of ammonia passes off as protoxide of nitrogen and chlorine. This method was first published by the professor about twenty years ago, in his celebrated paper upon alkaline but it seems to have been generally over-DANDELLON ADULTERATION COFFEE. DETECTION. won not formy green with obtained from COCOA. bear is broken just frag

RYE COFFEE IN EUROPE. - A Strasburger named Beckmann-Oloffen has prepared a substitute for coffee by taking pulverized and roasted rye malt, mixing with it 10 its weight of barley malt and some caramel, and exposing it to the vapor from roasting genuine coffee. In this manner part of the aroma always lost in roasting coffee is made use of to flavor the rye coffee. If we accept the conclusions of Aubert, that no caffeine is lost in roasting (see "Chemistry of a Cup of Coffee" in December number of this journal), the rye coffee test has none of the poisonous properties of this alkaloid, and is preferable to the genuine. The discovery is said to have been already patented in Engborting water from driving agent of CO2; while chico. - my mill sink. In buying the whole grain there can be butte risk of being deceived. But even they Rocket what the milate toffer, sometimes counteferted! of South america. setty tree , imported many

SUPERTY TOTES
FOR
COFFEE.
CHICCORY.
Sym stitutes forcoffee. It is used intent es an adultera. dhere by the Gers is wild about Gern pretty thee flow-To bad substitute. DANDELLON Danview his coffee is quite flewer, and according to the throng laid down more wholesoftetter than coffee What, me acome coffee What, me acome coffee What, me acome coffee What, me acome coffee The shirt water with chickory. They making making making a colored solution in water. It may also be distrocked by the fiersalts of iron not forming green with it, as with coffee in COCOA. Cocoa is obtained from the the obroma cacao. The Mexican name is chocolath. The fruit is a kind of melon. It is prepared in several ways. It is roalled thole and the hole and the husk is stripped (cracked cocoa); and 3rd It is ground to haste and mixed other articles forming chocolate: with the There are also secondary preparations. and broma & prepared

188 Coco - Colocasa Eculent (asacero) to hite alex test who the \* Conf. borting water, from dring agent of CO2; while chico. - mill sink. In buying the whole grains there can be but note of being deceived. But even they are sometimes counteferted! Best what they mildle toffer & a small Apretty tree , imported many for Caraocas.

There are many substitutes forcoffee. SUBSTITUTES FOR COFFEE. One of these is chickory. It is used intent-ionally in Europie; and as an adulteration here! It was imported here by the Germans, and now grows wild about Germantown. It has a pretty the flower. It is by no means a bad substitute. DANDELION Dandelion Aft with 15 coffee is quite fewer, and according to the theory laid down more related than coffee What, me acome coffee. What me acome coffee. What me acome coffee. They making the state detected by hit making DETECTION. a colored solution in water. It may also be distrocked by the persalts of iron not forming green with it, as with coffee. I COCOA. Cocoa is obtained from the theobroma cacao. The Mexican name is chocolath. The fruit is a kind of melon. It is prepared in several ways. It is roalled hole 2nd the husk is stripped (cracked cocoa); and 3rd It is ground to haste and mixed There are also secondary preparations. Impared

6 Cooke (Princip of Chem Philosophy) Says that caffein is methyl-theobromin; theobromin can be converted into caffen by Substitution. pullet & D'orligny, Von Tschudi, Weddell Coco is an estable stand, from thee, Cocoa mut again defferent: friend Cocos mucifera Cacao Coros Coca (Ernthroylor)
Cocoa nut (Cocos musif)
Cocoa - starch from a tropical tree , W. his; Colocasia esculato

Entract oxygen. Cocoa has theobronin, a principle con taining sitrogen & It- Repairs . 56 per cent of the principle that a fee cocoa butter a favorite application for bruises. Cocoa is therefore nourwithout to the stomach. Then diluted it that very good drink well adapted to invalids. It is not as stime who will be south the lay throughout thank of South America. It is very powerful the south America. It is very powerful the south America. without food & sleep for days. By it they are enabled to ascend steep mount-Humboldt and others, and although probably menhat enaggerated, have no doubt Excess. some foundation. Excessive consumpt ion of it is injurious. Coqueros - sols. \$ Prof. Jackson imported some butuas disappointed in their not producing the desired effect. It is doubtful if they really were the coca leaves. On the under

\*Inth, on all dubrects, Entropy, to the best thing, not only to hold but to advocate as teach By asserting what Science cannot justify and experience dow not prove, about alcohol, ultra men rather hust than helped the cause of temperance. Let us examine briefly yet carefully what a proved to be true on the subject.

193 mente edge of the leaf. RESINOUS IR Coca contains an resineur and are unprinciples. Crystallizable principle: also tannic acid
tis used by len millions of people.

ARSENIC.

COACHMEN. daily to improve their condition. Goachmen sometimes give it to their horses, to make LADIES. them sleek Ladies topet to give themselves Mountaineers ask it its use is stopped suddenly, it endanger ALCOHol Buthe most important article of ciccessory food is alcohol. It is so power-FOWER. fully that many think it would be a blesmany medical men would rather do without any other malical than it-Aremedeetothism would sweep it out of exist-The composition of alcohol would lead

We use, much more food for force than for tissue. Then who die of Starration perish much down than they would from mere disability of theorgans from waste of lissue. Every best of the heart, every lifty of the chest in beath, ever peristellic contractor of the That the force used in musula effort 6 not generaled been show; and experients recently more feel the wood; - datethe idea long entertained, that the amount of consimption of brain force in menal Caborn excite

mul man he messens by the amount of phosphates

passed from destruction of brain-substance. He have probably, then, also furnished

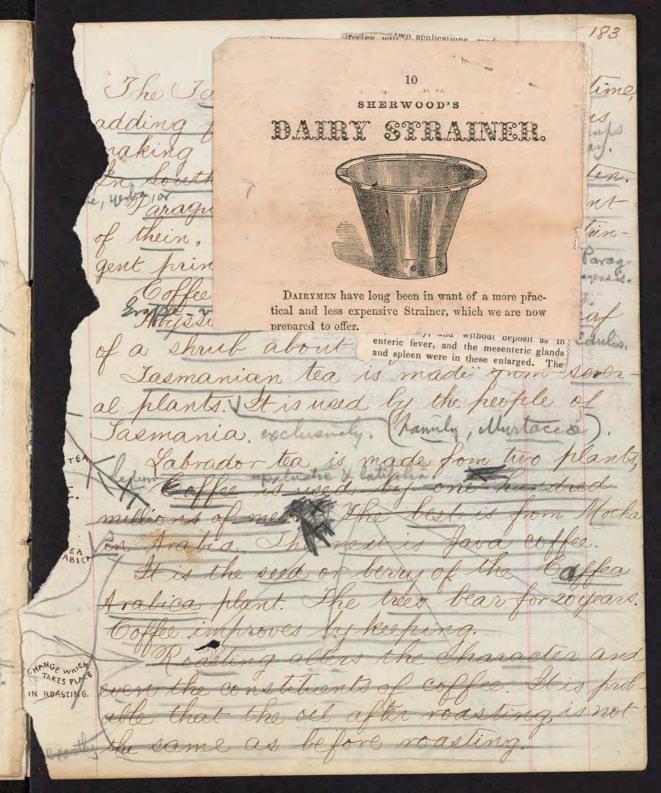
never force by the changes of its material is well as musile force, & organice force for the general vital actions of the body.

formed to make tea from a Penin SWINDLE THIS STATE. sylvania plant. This plant does not contain a particle of thein Long boiling drives off the aroma BOILING. which does not contribute much to nourishment but gives a pleasant laste. The Chinese pour hot water on leaves CHINESE & in a cup and then dent the his For family use the water should be boiling when the tea is full in-to it. Standing draws on more of the strengt, but, unless come, causes loss farona, Lecture IX. The most universal beverages are TEN, COAFEE COCOA. tea, coffee, and cocoa, In England Holland and Russia, tea is used; in France, Germany, And Suckey, coffee; and in taly, Spain, and been STALY tral America, cocoa, Half the human SPAIN, CENTRAL vale drink tea of china Comes in the 3th or more and the grant tea, there is from the 1 her cent-THEIN. of thein; about 10 grs. to an oz. By it-TEA SHING. Lea is also nourishing, but as we use it us get very little good of the

and of 10th L Europa alla Coffee was unknown to the neeks Monaus, Some authorities as -sent it to be a nature alypsique. It is still from enter from Cattain Arstra to the bandes of the rule, writers can that to use was first suggestate the prior of an arabian morastry, who was the by a goat her of the effect gof excitement is produced on goods browns on its beings. He thought if might help to keep his montes anake Somether desotions; Spend available in that may, A Turkind merchant (San. Esmagnitudene it ente England) 18th of the Course, 1871 Soliver into Paris, 1669, now, 100 million of over words

ouy seemed to quiver with its eager life. His udience took fire with him, and every face was flushed. Whatever might be the after-thought or The Ja limo the after-pursuit, each hearer, for the time, shared his zeal and his delight." SPONTANEOUS DECOMPOSITION OF AN ALLOY 11 of LEAD. - It appears that at the University of Munich, there are preserved some copies of medals alloy - bismuth and lead DAIRYMEN have long been in want of a more practical and less expensive Strainer, which we are now prepared to offer. y, and without deposit as in a falle enteric fever, and the mesenteric glands Shrub about and spleen were in these enlarged. The Tasmanian tea is made Is. It is used by the people nia, exclusively, hamily CHANGE WHICH the oil the same as before

182 The annual consumption of coffee, per head, in various parts of the world is as follows: England, 11 pounds to each person; France, 21; Germany, 4; Denmark, 51; Switzerland, 6; Belgium, 81; Holland, 101; United States, 7 pounds; but in California, which appears to "beat all creation" in this as in so many other things, it amounts to 163 pounds, or excluding Chinese and Indians, who do not drink coffee, to 201 pounds. - F 10 over 300 Coffee was unknown to the showard, Some authorities as it to be a nature alypsique; I to titl found wild from Caffair Andra to the bandes of the rule, writers can that to use was first suggestite the prior of an arabian morasting, who was the by a goat hard of the effect Growing on its beings. He though I might help to keep his montes write wight help to thous found it available in that may A Turkish merchant (Dan. English who terre the Course. nto Paris, 16 69 now, 100 million of over



CONSUMPTION. United States and British Provinces...... Germany... France and Switzerland.... ....125,000,000 Holland and Belgium.... 90,000,000 Great Britain..... Scandanavia..... Russia..... Other Countries...... 15,000,000 15,000,000 Total .... Before the Rebellion the use of coffee was rapidly increasing in the United States-the annual gain in consumption being about eight per cent., against two and a half in Europe; but during and since the war, in consequence of the high cost of the real, cheap substitutes have been and are extensively used, as must be manifest by the following statement of importations of coffee into this country for the years named: Importations in pounds in 1850.......145,000,000 do. 1855......190,000,000 do. do. do. do. do. do. to use was first suggestive ror of an arabian morastry, of ortenent of produced on goods herry. He though might help to temp his montes anake Turked merchant (San. Elysty who there how, too million of over

Democracy, not constations, made twice having and whose wishes the Cincinnati Convention has treated with disdain, must elect him if he is elected at all. The Democracy, wholly untransmelled by the Cincinnati event, can view the size of the cincinnati event, can view the size of the cincinnati event. wers The Tartars que, other as a sup Pathological Lesions in Acute Dysentery These Strai which prevails at Sedan .- Dr. JOHN MUR-RAY presented to the Pathological Society and are st of London, Oct. 18th, 1870. a number of 1862." specimens of intestines affected by acute dysentery, which he had brought from one of the hospitals near Sedan. The large Call intestines were greatly affected; the small intestines to a limited extent. The mucous membrane was swollen, tumid, deeply injected, and covered with minute aphthous patches. In the large intestine-especially in the colon and rectum-the mucous membrane was extensively and irregularly ulcerated, and patches, some not less than the area of an adult hand had completely sloughed leaves in son away, leaving the muscular coat of the intestine bare. There was extravasation of blood into the submucous tissue. Peyer's patches were in some cases ulcerated, but superficially, and without deposit as in enteric fever, and the mesenteric glands Jasmanian and spleen were in these enlarged. The CHANGE WHICH IN ROASTING.

CONSUMPTION. United States and British Provinces .. United States and Discourse 185,000,000

nscal "Svar, ending and During the last 125,000,000

were imported into the United States 317 30,000,000

and 51,364,549 pounds of coffee, valued at \$30,992,869, 15,000,000

251,617 p. 19 pounds of fea, valued at \$17, 15,000,000

other Countries. Total ..... Before the Rebellion the use of coffee was rapidly increasing in the United States-the annual gain in consumption being about eight per cent., against two and a half in Europe; but during and since the war, in consequence of the high cost of the real, cheap substitutes have been and are extensively used, as must be manifest by the following statement of importations of coffee into this country for the years named: Importations in pounds in 1850......145,000,000 do. do. do. do. do. do. do. do. to use was first suggestive nor of an arabian morastry, o was the hya goat herd of the effect being . He though to temp his montes wake of grand it available in that may, Justions; Turkid merchant (San. Elas Satistation now, 100 million of men

two applications, made twice uany, tinued from 10 to 30 minutes, his powers ountores, oup, The Tartary were restored .- Révue de Thérapeutique, handle resting Sept. 1870. other as a sup adding fal-Pathological Lesions in Acute Dysentery These Stra which prevails at Sedan .- Dr. JOHN MUR-RAY presented to the Pathological Society and are st of London, Oct. 18th, 1870. a number of 1862." specimens of intestines affected by acute dysentery, which he had brought from one of the hospitals near Sedan. The large Call intestines were greatly affected; the small intestines to a limited extent. The mucous membrane was swollen, tumid, deeply inrein, volai jected, and covered with minute aphthous patches. In the large intestine-especially in the colon and rectum-the mucous membrane was extensively and irregularly ulcerated, and patches, some not less than the area of an adult hand had completely sloughed bessinia, ream some away, leaving the muscular coat of the intestine bare. There was extravasation of blood into the submucous tissue. Peyer's Shrub about patches were in some cases ulcerated, but superficially, and without deposit as in enteric fever, and the mesenteric glands & Tasmanian tea is and spleen were in these enlarged. The the people al plants. It is used asmania exclusively. CHANGE WHICH and liberals of IN ROASTING. hat the old at same as before roas

Guarana a Substitute for Tea - A late number of the "Pharmaceutical Fournal" contains a paper on "Guarana," the seeds of a sapindaceous tree-the Paullinia sorbilis-which does not appear to have hitherto entered into European commerce. The guarana-yielding tree is found abun-.....125,000,000 dantly in the Amazonas. The fruit is .... 90,000,000 scarcely as large as a walnut, and contains 35,000,000 five or six seeds, which are roasted, then ..... 30,000,000 15,000,000 mixed with water, and moulded into a .... 15,000,000 cylindrical form, resembling a large sau-....713,000,000 sage, and finally dried in an oven. Before being used it is grated, and then resembles idly increasing in cacao. Two spoonfuls of the powder are being about eight during and since mixed in a tumbler of water, and this eal, cheap substidrink, is regarded as a stimulant and nerst be manifest by vine tonic. Like strong tea or coffee, it is into this country said to take away the disposition to sleep. The active chemical principle is an alkaloid that Dr. Stenhouse has shown to be identi-...145,000,000 ......190,000,000 cal with theine. Guarana contains more ......264,000,000 than double as much of this alkaloid as ..... 80,000,000 ....104,000,000 good black tea, and five times as much as coffee, the proportion being 5.07 per cent. in the prior of an arabian morastery, guarana.-Lancet, Oct. 22, 1870. o was the hya goat had of the effect of citement is produced or goods theup his mon Turkish merchant (Dan. Thursday) now, 100 million of over

oudivior, oup, mag, work, or The Tartars handle resting upon one side and the knob upon the other as a support. adding fat These Strainers are made in Tin and Silver Plate, and are stamped "Sherwood's Patent, Nov. 18, raking a m no South Am 1862." e, vo Paraguay Call for Sherwood's Handle Strainers. of thein, volar gent principle Enflection leaves in some winds the unqualis. of a shrub about 12 ft. high. Cathe Edules, Tasmanian tea is made from sever al plants. It is used by the people of Jaemania exclusively, (hamly, Myrtaces). Labrador tea is made from two plants, millions of men The best is from Mocha for Arabia h ment is fava coffee. It is the seed of berry of the Caffee Arabica plant. The trees bear for 20 years. offer improves by keeping. Roading afters the character and ever the constituents of coffee. His prot alle that the oil after roasting is not the same as before roasling

The following trevies, ... red from the "American Cyclopedia," show approximately, at the time of publication, the amount of cof fee in pounds, produced by the several coffee producing countries and also the consumption in others: Brazil..... Ceylon ... St. Domingo ... Cuba and Porto Rico ... Sumatra..... 
 Venezuela...
 25,000,000

 Costa Rica, British West Indies and Mocha.
 18,000,000
 x Soliman Aga, Turkish antassedor to brame introduced or into Pais 1669 eal, cheap substidrink, is regarded as a stimulant and nerst be manifest by vine tonic. Like strong tea or coffee, it is into this country said to take away the disposition to sleep. The active chemical principle is an alkaloid ......145,000,000 that Dr. Stenhouse has shown to be identi-......190,000,000 cal with theine. Guarana contains more ......264,000,000 ...... 80,000,000 than double as much of this alkaloid as ....104,000,000 good black tea, and five times as much as coffee, the proportion being 5.07 per cent. in first sugges the prior of an arabian morastry, guarana.-Lancet, Oct. 22, 1870. who was the by a goat had of the effect help to leap his montes anake then destrons, found I available a that may A Turkish merchant (Dan. English where now, 100 million of over

183 The Tartars boil it for a long time, adding fat and other articles, thus raking a nowishing drink 200 30 cm/s En South America, the leaves are laten. e, wording raquery tea, has about 14 percent of thein, volatile oil, gluten, & an astringent principle Its A flolly life plant; the Parage. Coffee leaves are that in Java; leaf of a shrub about 12 ft. high, Cathe caules, Tasmanian tea is made from sever al plants. It is used by the people of Tasmania exclusively, (hamily, Murtaces). Labrador tea is made from two plants, millions of metal the best is from Mocha sicon Arabia. The ment is fava coffee. I st is the seed of berry of the Caffee Arabica plant. The trees bear for 20 years. Coffee improves by keeping. Roading afters the character and TAKES PLACE BUCH the constituents of coffee. It is proball that the oil after roasting is not the same as before roasting.

A Both or original vol arminily & The original volatile oil of green coffee is than in ten 1/50000 in coffee. The mode of preparation of the be from coffee is no doubt influential, more coffee weed than ten — the former to the stronger hot infraing the gamplionie nervous eystem: led magin proportion, a the brain, injurion ton thes. Sanguine temperament most, or sanguine nervous, The verious when exhausted hears

PRERARF OF COFFEE. A CAFFEIN HOYOLATILE OIL. FLFFECTS OF ark I REVLATION NTT- SOPORIEIC aw PRESEURE Bernson hitation dansed by copper. not a experiments o diet. of coffee in retarding tissue-I- depend altogether

ersonne is said to have prived that in wasten bolamiel, & coffee, half its caffein for south is lost, or at least encoffee & than in ten transformed into methyl. mt foil 100 in ten - amme (Cy H5 M). Ging de of preparation of the be acelate of methylamine to patients, he found it to increase arterial ten. to the stronger hot infusion of - song and sometimes to Cruse inequilarit 1 pulse. Brit, though bably acts most upon aubest deries the loss of nervous exptern: led moin proportion, a the train, Some constitutions feel coffee much more injurion than other. Sanguine temperament most, or sanguine nervous, The verious when exchanged hears,

COFFEE. M CAFFEIN CIRCULATION the MIT- SOPORIEIC Letin affer and spens? pitation caused by coffee. It shows that coffee is not a desirable drinks Letiman's experiments on the excretions, showed that coffee causes a decrease in surea, This fact has an of coffee in retarding tissue-change The effects does not depend altogether

A Aboli offer lest Spain small , dark yellow, Nest, I am , larger pole velo Reo, for Bross, great or en Coffee the seeds or termes of Coffee and seed, the the be fee Judian 9 Smooth Bit serials on of the Comellen. The grains informed with keeping ; poor el upo qualit thus approach to fine ? 70 lea mostor proportion, a the brain, injurion than others. Sanguine temperament most, or sanguine nervous, The vervous when exhausted hears

Roading which should never be horning; as that chars & partly destroys 185-COFFEE. oil unchanged. Heavis oaston 34, and boilers it. Just before the boiling and caffein Coffee contains coffein isomeric with their, but in a title bargen proportion their talso has volatile oil which is more powerful than what of the work we will the powerful than the of the second with the second wi and anometables excitement. It hughenses the circulation. When we want to keep awasterne there is nothing mortifectual of Bornard, It has been found by experiment, THE HEART. that coffee in reason the pressure of the heart more than any other sub. PALPITATION Stance Mac This may explain palpitation caused by coffee. It shows that coffee is not a desirable drinks Letiman's experiments on the excretdecrease in wear This fact has an important bearing on medicine & The effects does not depend altogether

A perhaps some other impredients whose nature to the man hart well understood, down in he preparing coffer from the seeds, more strengt of the motion Les to be more of a cerebral & coffee a gon stimulation Depression an hour or two after breakfast; sense of impending calamity or loss the funders clerical with thought the fee to the time wheather the thinks the state of the feel of the the same opinion; but they were nother often physicists. Museums and Janutarians. Sight and College of the observation be correct

COMPOSITION IS to suppose that it was is food for according force. It has no nitrogen, but carbon outgen, and hydrogen. It also contributes to the fatty lissue. By added something nitrogenous it assists the althoughigher tissues. The carbon will be the fatty lissue on set swater than the supposes and the longer on set swater than on water alone. A woman lived 2 weeks on brandis water. Cormano, ume daily. See dustice. The first effect of alcohol, is exhibited= ordonnen er. Dr. Sjohnson said, he would not like to be deprived of his glass of went the EXHILERATION OF THE TEVERSE. An old prover says: 3
EXALTING. To other wine is in wit is out." The reason W" When wine is in, "wit is out." The reason why men laugh more at a dinner with wine is because they are more to leavily a si Speeches, mused. Speeches, made at dinners, how cold water one; although those of the wine The next state is intoxication; of her zy, in which the drinker is out of his own control.

For Board Thyeical Metrof Metholic Co cess. Deliver Frances Chronic alcoholistmus
e.g. Circhosis of lived - Fatty Degender of Heart Althorna of arteries - Porglets Draine of Kednigs, bo. Supptions: -Alethomania of health offepring, A let gout is uncommon in the There region. Franch wines (Bordeaux) more arthritic? (Mrs Winschfeld). 873. lestend fit a stimular, bur an dustie Do assent heriand of language in regard to it. So do Parkes and B. W. Richardson was tis either what accord to the mode samount of nee.

The last-stage is come or dead-dunkenones. The pupil is dilated; being opposed
to opinion, in which it is contracted. Delirium tremens is Oh Deffeet of con DELIRIUM S' timed excess. This is generally fatal, to at the first attack; more frequent the seem attend ? Another effect is Fout. Alcohol stime. GOUT. lates digestion and assimilation. Too much nitrogenous food the the The oxidation officers not sufficient. Thus wie acid is formed in excess and, in being thrown off with joints of the The strongest- alcohols do not cause gout: It is worky the wines & seers. When nowe Fretherse diseases is provide Dorgans of the body; as hier, heart, to Alcohol is stimulating to the circu-SMALL DOSE. lation, and to the nervous system, In large doses it is oppressive and LARGE narcotic. There is a great difference between a large and a small dose. The importance of proper doses, is much

and of 10th Lecture, 1870. I Is alcohol appropriated, or passed through V con allochye (Duchels) - Partly operated & fruits description. Varying with amount & concumbing When marcotiem occurs, no appropriation. It is, I think, probable, that the conditions in which at cohol does good in disease are those in which excessing, rapid oxedation is going on; as in the over-combustion, byrexia, of low fevers. Then, the carbon & hydrogen of the also. that, man in small amounts, may be oxidized, saving the block of thissues; but I the amount of alcohol be more than can thus be used, - it remains in the blood as alcohol, & narcotizes or even moderate In health alcohol, in large doses lovers Tea and Coffee werease temperature. [Swany Watson Food To the low.

require in wing thinkants . I Examples: opium, - Hotters. neglected Ir of the atmos Alcohol retards the change of tissue.

INNCE OF Dr. Hammond, who tried it on himself, found that less is were given off his rekinds of change 1st I lion. Tot muscle or br rof s: al cohol makes the 2ndly Passive wa PASSIVE Under Passive wa CHANGE. sleep & wakeful even in hugbers alth! is . shown by their the. end of the win This waste is o sickness. This eland like morphia, 9 up? When this wa sive len the case as health, stimulants rample wholespeaked This may explain the rise of tea & coffee and alcohol Therefore, there is a place for alcohol

and of 10th Lecture, 1870. Is alcohol appropriated, or passed through V con allehyel Duchel & Partly operated & faith decomposed. Naming with amount & carcumbing who marcotien occurs, no appropriation. It is , I think, probable, that the conditions in wheel al-· cohol does good in disease are those in which excessively rapid oxedation is going on; as in the over-combustion, by-- rexia, of low fevers. Then, the carbon & hydrogen of the also. the fine is small amounts, maybe oxidized, saving the book of tissues; but I the amount of alcohol be more than can thus be used, - It remains in the blood as alcohol, & narcotizes or even moderate In health alcohol, in large doses lovers Tea and Coffee werease temperature. [Som ony Watson From 1 or the bour.

consequence in using climicants. Egamples: opum, & bitters. neglected Ir & ofthe almo ALCOHOL Alcohol retards the change of tissue.

CHANCE OF Dr. Hammond, who tried it on himself, found that less were given off in ACTIVE Standardesire of muscle. 1st. this re o kinds action Tof muscle or the system. Si cohol makes 2ndy Passive? bar of this; al. even in him health; asis at the end of the w eginning robyd in This waste is l relands sickness, The Fruity up? like morphia as is of When this her feet-SIVE len the case health, stimulants march wholespace This may explain the ruse of tea & coffee and Therefore, there is a place for alcoho alcohol!

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Su Richardson, & 10th Lecture, 1870. reated, or passed through correcto (Lillemand M) pro Parker & Anche esentially mand along the body. whele I latty overeth & mmg with amount & cercumbury, us, no appropriation. It fat the conditions in which also are those in which excessing, y on; as in the over-combustion, by-- resea, of con severs. over, the carbon & hydrogen of the also. thel, me in small amounts, may be oxidered, saving the Rod & tiesnes; but of the amount of alcohol be more than can thus be used, I remains in the blood as alcohol, & narcotized the brain. or even moderate In health alcohol, in large doses lover Tea and Coffee werease temperature. [Swany Watson From 100 sports law.

consequence in using thinulants of Examples: opium, & bitters. neglected Ir & of the utwood + Alcohol retards the change of lissue. CHANCE OF Dr. Hammond, who tried it on himself, found that less were and carbonic acid, were given off The question is, is this re-ACTIVE Of Change. 1st action action of the saves the The members and attenders of Twelfth Street Meeting, are invited to a READING MEHTING. to be held at W. C. Cornes, No. 1312 Filbert Street, on Third day Evening. Second month, 13th, 1872, at 7% o'clock. 3 Tof muscle or the system. Sta cohol makes this; al PASSIVE 2ndy Passive of CHANGE. sleep & wakefu health i even it had shown by th at the end of the we eginning 100 in This waste is sickness, Thi l relands like morphia Fring up ? When this a as is of SIVE len the case her feelhealth, stimulants range wholespeaked This may explain the rise of tea alcohol. Therefore, there is a place apre flering

Drs. E. Smith, Snow Her 10th Lecture, 1870. Davis; Lallamand, Porran & Duroy & Porcy are quotes writed, or passed through as asserting in experiment that alcohol is not deverty Derivato (Lallemand M) pro oxedwood in the bloods while I lastly occreted & Bocker Moleschott, that it is partly exception mong with amount & concumbing unchanged Spartly home curs, no appropriation. It in the blood that Mis chand that the conditions in which al-Prout, that Con in breath is first are are those in which excessing on; as in the over-combustion, by-- rexia, of low fevers. Then, the carbon & hydrogen of the also. that, give in small amounts, may be oxidized, saving the flood of tissues; but of the amount of alcohol be more than can thus be used, - it remains in the blood as alcohol, & narcotizes the brain. or even moderate In health alcohol, in large doses lowers The Comperation of the Gody, (winderlich to 10 in 15 min Tea and Coffee mercase temperature,

reglected Irs of the atmost consequence in using this what t Examples: opium, - & bitters. ALCOHOL RETARDS Alcohol retards the change of tissue. CHANCE OF Dr. Hammond, who tried it on himself, found that less were and carbonic acid, were given off The question is, is this re-ACTIVE of change 1st. That produced by action Jof muscle or brain, the wear & lear of the system. Stimulants increase this; all cohol makes the pulse beat faster; & individual with the york on which PASSIVE Sleep & wakefulness, sickness or health; even in hubernating animals; as is shown by their weighing less at the Ind of the winter than at the beginning. This waste is variable. It is particion sickness. This it is that alcohol relands, like morphia, quinine, coffee, &c. Jonny up? When this waste is excessive as is of sive len the case as very few have perfect health, stimulants maybe skellspare This may explain the rise of tea & coffee and alcohol.

Therefore, there is a place for alcohol,

Tank physicians have a serious responsi british in advising of the states in England Ostro-Digital South of 300 British Physicians 10th, 1869. See Report of Am. Associ To the Atensentation, 1871-19th Course of Sup. of Inebr. Asylune -6/1872. La intemperane a crove, or a disease? Mostly both, In 100 in 21,5? author of a very able book or grance and half of alcohol the authors that from any owner to an orange and that from are some form daily will be beneficial and through the sent of a result of a fact of the sent of a sent of the sent of a sent of the sent of

even out of the siek room. I safe in not Dr. Ray says that as man should take DR. RAY'S ADVICE. alcohol unless advised by a physician Lectoters often say alcohol does naggod. This only injures their cause, as the only safe way is truth. Precisely the same principles apply to alcohol as to coffee; but as it is a The United States is the only country where coldwater is the national drink. THE U.S. In Southern Ourope wine, and in Northern Europe spirits, date its place place is used in Germany and Congland, my largely. In the latter country there is a la-EXCESS ENGLAND, mentable excess taken. Luite lately, there has been an improvement. (Som Brown at Oxford" mentions a first of beer as your students daily alfourance. The The Americans are the most temperate perin the world, who have he whose who are advanced in years,

and physicians have a serious responsibility in advising of the Salvan Dispension States but the de harm.

From les Satutan Review of Louis Eadres in England (1840-1).

Medical Declaration / 10th 1868.

of 300 British Physicians 10th 1868.

See Report of Am. Meson [ 10th 1869.

1871.

See Report of Am. Meson [ 10th 1869. 1872. Is intemperane a crime or a Disease? Mostly both, I in 100 in U.S.? ayther of a very able book or ownce and a half falso have been from any persons of the beneficial as an array persons of the beneficial as a writer from any ownce to an ownce be beneficial as a writer party of a some form daily will be beneficial as a with the power of the some form daily will be beneficial as a writer to an owner to be beneficial as a will be beneficial as a writer to an owner to a

even out of the siek room. I safe must Dr. Ray says that an man should take DR. RAY'S ADVICE. alcohol unless advised by a physician Tectotiers often say alcohol does no good. This only injures their cause, as the only safe way it buth. Precisely the same principles apply to alcohol as to coffee; but as it is a wind disturbing agent risk of minimum to week which the which will sounty THE U.S. where coldwater is the national drink. In Southern Europe wine, and in Northern Europe Spirits, lake its place Beer is used in Germany and England, my largely. In the latter country there is a lamentable excess taken. Luite lately there has been an improvement. (Som Brown at Ixford" mentions a first of beer as your collectes daily alforgance. The le The Americans are the most temperate perin the world, and withose who are advanced in years,

Foreign Beverages Malary, Sc.... Arrack From Rice or Areca Greeks &c.... Raki .... Rice Hindus ..... Toddy ...... Cocoa nut Palm. Arabians &c. Boozek Millet Poles, So..... Vodki. .... Potato Chinese ..... Samshoo ...... Rice Japanese.... Sacie.... Rice Feejees ..... Ava ..... Yong Pepper. S. Americans..... Chica..... Maize Mexicans .... Pulgue .... Agave West Indians. .. Guarapo. ... Agrapa Marke Tartars..... Koumiss.... Maris Milk.

203 or have feeble constitutions, or are overworked, or underfed can with safety take alcoholing only in circulation with safety take alcoholing X book out themater of father. It is admitted that alcohol is indispensable with the case of severe burns, Consumption tell Six is that are important bearing on both hijgiene and medicine, The old laws of stimulation was OLD LAW STIMULATE that every slimulant is followed by a corresponding depression. If this were true stimulants would be ban Thus suppose a man to be 1° above death and takes astim what which raises him to 3? Afther law were true he would fall back too. or death. This is rediculous, of course. There are physiological reasons in spilling of stimulation. The firstbreath which a child takes is caused to bij cold air stimulating the surface. The circulation of the blood, respiration,

204 There are, indeed, four different effects, not differences in degree of the same action) whil alcohol may produce, according to the Jose and circumstances of its administration. 1 of simply stimulant; with smalles Joses. 2" what Dr. Chambers calls an anosthetic action; more exactly, if there were such a word, hyp & ethetic. (Describe Villustrate.)
against excusin friction or morry - overfatique. V in some cases of insomnia, be inebriant - intoxicating; i.e. causing an active, I either foolish or violent temporary delivery; which we call being drunked. It hypernarcotic; protucing dead-drunkennes or coma. which may be fatal at the time. Children are sometimes so possons to death ( Such a case in 1876 in thicken)

and in fact nearly every every is carried on by stimulation. Therefore this law has been modified and we now have The true law all stimulation of an NEW I RW. organ berjond to normal degree, is HAS ALCONO.

TENDENCY G.

TO the excess: but a stimulation whit carried to the excess: but a stimulation white carried to the excess: but a stimulation white carried to the property in the property in a property in a strenge of the end of the excess: but a stimulation white carried to the excess to t alcohol, to produce intemperance does WEND decided of producing becoming a what IT drunkard. It has no such inherent tendency. This depends on excess, growing out of the depression conse quent on excess, There are those, who chough not siek, are weak, and these ned stim. is fed every hour on alcoholmand TYPHUS FEVER. yet on recovering feels no disposition to become intemperate. In this condition, it does not produce inlosication. A young officer brought to the hospie

Protest against Stimulism: 2. All always of the street of the consider the constant of 3, Alund of the street of t proper advised, I obligage, 2. Teste constitutions, original) or from cause, 3. Overnouted - Smith to feed up well.

4. Considerate, Septembers, be. things regulate quantity here forer the dangers.

assue were greatly inickened. 207 He stated that it was presumable that the animal had been slaughtered within a brief time after being infested. It had been ascertained by experiment that from one to three months must elapse before the capuntil he was given alsules become opaque. Portions of this same ham, which had been cured and like opining in this resmoked, were eaten uncooked by a family at Harrisburg, all the members of which were taken violently ill upon the third day, one of the cases terminating fatally in less than a week's time. The communication d by the sustem its received did not state what symptoms the patient had presented, but generally, in those rare cases where the are lost. A certain. disease proves so rapidly fatal, there is violent gastroenteritis, with more or less pronounced peritonitis. Usually trichinosis assumes a much slower progress, theman would after giving rise to intense muscular pains and ædema, simtake alcohol for a ulating muscular rheumatism. Dr. DE F. WILLARD presented the specimens from a case of chronic tubercular pleurisy with large effusion, from A. B., male, 28 years of age; admitted to the and when the noces-Presbyterian Hospital May 23, 1874. Walked to the hospital, and did not complain of much fatigue. The ould have no inclinaonly history gleaned from him was to the effect that he had had what he called an attack of "pneumonia" cased I have often known. (undoubtedly pleuro-pneumonia) about three months previously, which detained him in bed for several weeks. His health had been failing for some months previous to alcohol is excess to one this attack, but since that he had been totally unfit for work, although he has not been under a physician's care. ealth Nor is it by any means always On admission, his left thoracic cavity was found full of liquid, but no further examination was made that night. nes dhel The next day he was seized with violent dyspnæa, and died within less than twenty-four hours from the date err in adversence of admission. Just before and immediately subsequent to death a large amount (a pint) of thin frothy fluid was by bad advice. They shoul ber their responsibilities. Toddien - Stemulism. WYTHAUD The elements of danger of intemper FREQUENCY, TIME OF AND ance are quantity, frequency and lime of day. The signs of excess are an increase in the pulse a flushed face, and an effect on the brain. The danger from quantity does not QUANTITY. inclease simply but as the squar of the quantity. If a man takes two glasses the danger of intemperance

206 The leading physiologist W. B. penter, of London, has been a most staunch ad ocate of "temperance." But he has been too much for himself, and has furnished Dr. Parkes an account of his own case for publication: "After having been a water-drinker during all the earlier part of my life, and enjoying a fair measure of health and vigor, I broke down about ten years ago under the pressure of excessive work, and, besides a local disorder, I then suffered from a total loss of appetite and enfeeblement of the digestive power, so that my whole system was undergoing a rapid lowering. My medical friends recommended me powerful tonics, combined with three glasses of sherry daily, and on this regimen I improved even more rapidly than they expected, and was able in a month's time to enjoy a tolerable dinner, gradually reducing the quantity of wine I took with it. They had at first expected that I should be obliged to winter in the south of Europe; but I rallied so fast that this idea was soon abandoned, and I was able to return to my work after a three-months' absence. Ever since that time I have taken a couple of glasses of light claret with my dinner, and this fluid suits me very well. I often reach home very tired, and feeling as if I could eat nothing, and I am certain that without this little 'fillip' I should eat nothing. The question lies, therefore, in such cases, between the use of the slight alcoholic stimulus and the inadequate nutrition of the body, and I cannot myself doubt which is the least of what I am willing to admit to be two evils.' Upon this Dr. Parkes says, "Coming from such a man, this evidence seems to me indisputable, and, coupled with that derived from watching patients with weak digestions, I think may be called conclusive." - consider the conditions contar wait, exce troubly delute or mild alsoholis beverages away sometime properly advised, the enterrom, 2. Teethe constitutions, origine cause, 3. Overworks - Smeth to feed up well 4. Complements, Suppositions, be. things regulate gream the dangers.

207 al, was delirious until he was given al-cohol. It is just like opinion in this respect. When needed by the system, its poisonous effects are lost. A certaixn CASE OF A CONSUMPRISE Consumptive gentleman would, after a hemorrhage, take alcohol for a couple of weeks, and when the nocessity was over would have no inclination for it. Similar cases I have often known, Overy drop of alcohol is excess to one EXCESS HEALTH, The is in perfect health Now who men almost ERRORDA PHYSICIANS use of alcohol. They often ruin men by bad advice. They should remem. ber their responsibility. Toddien Stemulism. QUANTITY,
FREQUENCY,
TIME OF AND
DRINKING, ance are quantity, frequency, and lime of day. The signs of excess are an increase in the pulse a flushed face, and an effect on the brain. The danger from quantity does not include simply but as the square! of the quantity. If a man takes two glasses the danger of intemperance

208 A Agrappears to make this difference, - that early in life there is the least need of timulation, with the greatest susceptibility to its action. There is therefore increased danger of intemperance, in the young, when they are exposed, by excess, to it. Young drinkers go, usually, more rapidly from bod to worse than older ones. Early of intemperature nearly always makes a short life in marked the copy in praise of sine before his life in much with it. Epiceums of later appreciated the edgo years of much in health, to much.) one glass of wme may refresh a weary man, two exhibitions of three make him merry; Six may render him foolish twelve, where for the line, and more with him tuped as a sot while the figure repetition I large would almost find nein. For hyperice effect, in debility, no alcoholis dose ought the felt at all, as alcohol, - but only as food; by invigoration and refreshment

will be four times as great as if he took only one. FREQUENCY. The same applies to frequency. If a man takes tooghand once a year, there is little danger; if once in six months, there is not much; once in 3 months, it looks dangerous; if once a month, it is more so; if once a week, it is probable that soon he will relire every night in unconsciousness. The time of day has some effect. Old topers often moralize to gounger, telling them not to take anything beposage. The importance of dosage Thouldbe (property estimated. When a patient is advised to take alcohol, the dose should be alexansitated) A hygienic dose should HYGIENICS not be more than half the convival quantity. Half a glass of wine, or half a tumbler of ale, is enough at Intemperatance as a disease has received

\* J. J. Trouberte - Vagatords". I would sell out heaver for something warm To ease this homble inward sinking? > Constains' Case -\* I the spring I had the pleasure of being or Harriston all the time of the present of 3 a hill by our Segislation gring additional forces to the Cours which enable the control of the person Ofe a habitual inclurate to he given to the left hands for his restraint, Care and reform. a retreat for the purpose, for while a property his been lought some miles for our city. It Andl A spend before in 1867, I is now in full operation, at Media: the "Sanitarium"

2 forms - Paroxypmal & constant) 211 DIPSOMANIA: many names, dipsomania, oinomania
METHOMANIA. and methomania and methomania. It is a fearful malady in its effects and power strawe is almost a miracle, and after its cure relapse is approse catary. The only INEGRIATE'S way of preventing it is an inebriates' granted for a similar institution have The value of such an institution is great Long sechision is necessary. The most solemn promises are unavailable. OBJECTION. Several objections have been urged against such an institutions in the first place, it is said that it could never be made large enough, but because we cannot do good to all, it is no reason why we should not do There are two classes who should not take alcohol in any form. Ist. Those who have ever been intemperate, 2nd. Shore who have a hereditary tendency to intemperance. Such families undoubtidly exist.

End of 13th Lecture, 1873, -40 minutes long, Pasteur, however, in 1872, assented before the Frank academy the discovery of a fungoid vegetation paraentic or the skins of the grapes, whose presence in the junce is the cause of the fermentation, It is his theory that all knids of fermentation spatiefaction are produced by the presence simplement of minute vegetable or animal Standard or soll sancharomyces cerevisia. A difficult question to settle: t But 16 diastase can formit 1000 lb staret. Beers are usually grain fermenter hours -Works mostly fruit-juces fermulat-Spirits are always Institled from either of these.

MERENT Ne now pass to the different kinds of BEVERAGES al coholic beverages. They are classed beers, wines, and spirits. WINE External " fauses wines, by spontaneous? SPIRITS. fermentation; and spirits by distillation from wines. Then grape sugar ferment it is converted into alcohol and carbonic acid usually Beer is made from matter barley. The grain is allowed to germinate. By the starch & gluten are Example soluble. The former is converted into desetrin & then into sugar. and the gluten is converted into diaslase which acts on the sugar. One hundred pounds of starch will make one of diastase & At-the proper mo-ment-the germination is checked in It is boiled, and hops added, It is then cooled rapidly to about 54°-64° and allowed to ferment for days.

Gent plant torne - or site the action (my coderma sini my coderma sini my coderma aceti, se) 26th Lecture or propagated mobile or overent: 63. 1872, But intelling more than the second of Does vital force en control chancel change or action quently, in material outside of the organism? I vez. & anim, life, ne must always at least, effectively the minuted germs matter, dood & pritrofactive, in the atmosphere. Which exclusion, in such the material under tral? It cannot yet be positively affirmed.

Lager is made by a slower ferment ation at a lower temperature. It contains some turpentine als to the cycle minute regetation afficient on the with minute regetation afficient on the in diameter. We do not know its connection with fermentation.

INGREDIENTS The alcoholic from 1 to 1'2 per cent in small water.

WATER. Lee 20 Su harton 24. 54 his confined to the small of the containing the containing of the containing the containing of the containing the conta WATER. beers), In porter 3'2-5'2 her cent; brown-ALCOHOL. stout 5/2-6/2; strong ale, 5/2-10. Det al-SUGAR. ways contains sugar which turns a little sour when it is kept. It has also surren. soluble glitten wild salts as sulphates SALTS. phosphates & chlorides. There are about 13 grs. of soller to a pint. Beer has from 4 to 8 per cent of netrative mat-LUBULIN. ter (milk has 12 per cent). Publiclin, the principle of hops is in it. Bute tonic. cotic) It is said that lager well not intoxicate. It produces a stupid to for. Bell also contains free acids, acetic, carbonic lannic, lactic & mallic,

\* Philadelphia ales are of tends good (1871) than I was to years ago. English ale is rather better yet; Bass' pale ale for exportation - & Oxford ale\_ rather famous. not accustomed to it, but using it on account of debility, - from 2 to 4 flound ormers, - i.c. from a small wing lasful to the tumbleful, at dime or bed time. For a noman, from 1 to . 3 fluidounces. Lager bear, hyprenie dose 3 to 5 fludomis. dayer in this counts now often has in N Cocculus betiens & other adulterations; so testified in a case in court by a brand, in 1873 or 1874.

THOMAS C. HOOVER, M. D., of Bellair, Ohio, writes to the American Journal of Medical Science in all about as follows: -"Miss M. E., who had been suffering from recur-To be hygien ring attacks of catarrhus astivus for eleven years, consulted me as to what means she should try for HYGIENIC BEER. be clear and relief. The disease had uniformly recurred on the and of second and had a mean duration of entirely no acid taste Ale and theers are the best forms of alcohol for convalescente and dys prepsia; but their qualities vary with the manufacture? out enercise cause gout, Delir tremens soldom. GOUT. With most people, ale agrees bet-ALE BETTERTHAN PORTER. ter than porter. The latter differsin strength. It is colored by charred malt or burnt sugar. Brown stout & a strong forter. Lager is good if pure, as any heer. LAGER. the adulterations of been, are first bearbonate of soda. It is ad. ded to old beer. and Sulphuric acid to clarify it. Ind. Coculus Indicus bernes, which are good usologisto destroy vermin but are rised as an adulteration.

GRANNS OF 15E. 41k In England, grains of marine are used. They are narcotic sinjurious. 5th. It is said frobably wrongly, that stricknia is used in angland.

PICRIC ACID IN LAGER BEER. - Some of the German brewers have found that pieric acid is a cheap substitute for the wholesome bitter of the hop, and are making the poisonous picrate of ammonia do h duty for lupulin. Whether the trick has been tried in this country we do not know, but it is well to state a means of detecting it which Pohl has discovered. Unbleached sheep's wool is steeped for a few minutes in the suspected beverage, and assumes a canary-yellow color if picric acid be present. \* Philadelphia ales are of tends, good (1871) than It was to years ago. English ale is rather better yet; Bass' pale ale for exportation - & Oxford ale\_rather famous. not accustomed to it, but using it on account of debility, - from 2 to 4 flourd ormers, - i.c. from a small enricy lasful to the tumbliful, at dinner or bad time. For a woman, from 1 to . 3 fluidounes. Lazer beer, hygreni dose 3 to 5 fludomies. daper in this counts now often has in N Cocculus believes & other adulterations; so testified in a case in could by a bremer, in 1873 or 1874.

of solids (left on evaporation) in all, about 30 gres to a pint. HYGIENIC BEER. be clear and not very bitter; having no acid taste. no acid taste. Ale and beers are the best forms of alcohol for convalescente and dys prepsia; but their qualities vary with the manufacture? out enercise cause goul. Delir tremens soldon. With most people, ale agrees bet-PORTER. ter than porter. The latter differsion strength. It is colored by charred malt or burnt sugar. From that a strong pate. Lager is good if pure as any heer. ABULTERATIONS. The adulterations of been, are CANS. SFOR. first, hearbonate of soda. It is ad. COCULUS Indices to clarify it. Ind. Coculus Indices berus, which is good usology to destroy verore used. They are narcotic Sinjurious. STRICHNIA. 5th. It is said frobably wrongly, that structura is used in England.

Mar & Caorin in Brazil Indians
more & june of a tree (milk trot)

Dr. Parks says it would not pay to sait. Civiosities of beverages require met CORIOSITIES BEVERAGES. mentioning. In S. America, maize MAIZE. beer is made either like our making or by chewing the grain, and spitting it out, allowing the salivary diastase to ferment it. Sometimes it is made in company, all spitting into one receptacle. also make of nice, peas, April price In the Fifi islands the same thing is done. It is remarkable that two peoples so distantly removed, should have the same custom. A company of girls makes the king's ava, every morning. (hage 117.) of the Tartars This name is also Lactic acid is abundant in miller beer. It resembles mich beer. The Himalayans draw this through apipe after the manner of sherry cobbler. Paragray tea is taken in the same way w I america.

End 11th Lecture, 1870 Cut 10th Lecture on alimentation, 1871 - 1 20th of the Course. Methodin?

The quass of the Russians, is a strong unpleasant drink, made from mye, Koumiss is made from mare's mich, which has more sugar than cours. It contains lactic acid Firm now in puthisis, WINE. Wines we made by spontaneous fermentation. Sometimes this is very vapid; in grape pulgar taking worly 2 an hours summer in the open air. Cider, being formed bef spontaneous CIDER. fermentation of apple juice, is a wine Mallic acid is its characteristic. It sours soon and is not a good drink. It should not contain more than 9 per d- vot alcohol; It is not nutrading to any extent. Grandy is often added to make I keep. Thimation remarks apply to perry made from pear juice. It is said to be justed to adulterate wine. \* Mead is a pleasant, mild drink MEAD GRAPE. But the most important wine my bunde my de GRAPE. that made from grapes. The qual ity varies, depending on many causes.

O But judges so not find then get to equal those afor mos agether equality; but I fear his trench swarty of the position to please Americans, there got the better of his trench of his disposition to please Americans, there got the better of his Critical taste. Met some Catansta une, non made (1873), is really very fruity & good, and of a beautiful color. 1875, or cellent g Catanta wine is made in Emissee Valley, N. M. State. Vinous fermentation best at about 650 fahr A gentleman who had ensited the Island of Madeira told me that then x Ut I. Bator told me that in blig medicine hil held insites, medium quality is "aged" or make stores, to 150° or 160°, for Aromoths at a time. 6 years of keeping. To a critical taste honor, such winds have some smoky taste, not quite Pasteur, when, a rapid froces of maturing ames by heat, I believe it is simply exposing it for a day or two to a still higher temperature than that before mentioned as in use.

Pinean a champagni grape, 223 CAUSE'S VARIATION. 19 It depends on the kind of grape. CenKIND OF GRAPE.

Columbia Diana Citizen and Belancia County with his
CLIMATE. A warm climate, and a cotate soil are

SOIL. nelessay. Our country is not deficient
in these. Balifornia produce the best locality. American wines. Vocality has some ef
LOCALITY. American wines Vocality has some ef
To get fect. Just as the best cotton can be raised on the coast of S. Carolina, only, and the best tobacco in two freezes steinberg so with grapes. Johannesberg grapes are raised on 100 acres of land. Steinberg grapes on a small tract also SEASON beason and culture make a difference. CULTURE. Time of gathering: - should be just-TIME when rife; as citric acid is in un-FERMENTATION ripe Granita. Mode of fermentation, TEMPERATURE, temperature at which it is made, lemperature at which it is kept, be. · all affect it aunew wines old by a quick forocestion. and give a red color to wine. In WHITE Italy, red and white wines can be

Johannistery somes week, west acres only Smile bottle only north of Auchande them - for 5 flower Endy Maphent Empt Pommer alle To of late and sold (1812) from added Survey and state of the seasons Languetoe Moussellor, France

of wine in the United States amounts for round numbers to 20,000,000 gallons. Call fornia, the largest producer, yields one to this amount, 5,000,000; Ohio about this amount, 5,000,000; Naw York, 3,000,000; It Thue scier tain Its ing cause wit the Gr enes are red obt tille wb ter wh WINE 15 di IMPROVED th KEEPING. ar PER CENT ALCOHOL. 24 per cent 15-PORT SHERRY MADEIRA MARSALLA BORDEAUX CLARET BURGUNDY CHAMPAGNE. MOSELLE RHINE. Stronged Museul unin essian / hine HESSIAN ungarian. HUNGARIAN Italian ITALIAN. 14,-19

Wire Justito of the Rheingan - o I few from East 40 the acres only a wow later out 3 Johanniber some late Mayence or East worth the there are some sure bother out tank of the Phine to assnannhousen, Roberteum Executern, Interstery, Marchen, Stewberg, Marchen, Stewberg, Marchen, Stewberg, Mert after these Scher Ambrende there for 5 flower als The Mapolant Empt Porme methods 100 bottes of M. sold (1872) from allers lacker min Merstein, Burgundy ones, grow at assortion ared wine of the rack in the white wines. On Cate empro) Naprem III. Languetoe Konssellor, France, 12th Lecture 1867 11th 1868. land of

Thud scient forming the line annual production.

Thud scient of wine in the United States amounts in forming the largest producer, yields one to form this amount, 5,000,000; Ohio 2000, and forming the largest producer, and forming the largest producer. wines shall entitle and owner to exemption for such property in all other places.

Changing Church Names.—In the Legislature of New Jersey, at its last session, a act was passed authorizing any church, it corporated by the laws of the State, change its corporate name or title, and a sume another name or title, by a resolution of the trustees such as the property of the trustees such as weeking of the trustees such the lin Greer al to obtaine e tilleries o which vof termixt V passed at a meeting of the trustees; sud resolution shall be certified under its col porate seal, and pr veu in the same mann as deeds for lands are required to be prove which, of WINE 15 distiller to IMPROVED the res and a re proof s 27.8; \$ 20 Malber and, when filed in the office of the cleerk KEEPING. and, when filed in the office of the cleer's the county in which such church is situate such corporation shall thereafter be known and may bring and defend actions and suit at law or in equity by such new name. The assumption of the new title, however, does not release said church from any debt or of PER CENT he ligation previously incurred.

Gloucester City.—On Monday evening tymen, named John Doyle and Edw. O'Har DU ALCOHOL. busing the slip-tender at the fe 24 per cent 15-25 PORT MADEIRA MARSALLA BORDEAUX CLARET Muscat BURGUNDY CHAMPAGNE, MOSELLE RHINE. sean 1 mine HESSIAM ungarian, HUNGARIAN Stalian ITALIAN.

THE NATIVE WINES produced in the United States are estimated in round numbers at twenty millions of gallons. Califor-Johannisher works were nia, the largest producer, yields one-fourth 40 tilos acres only a would be write the desired single better out this amount, five millions; Ohio about onesixth, three and one-half millions; New 7 York three millions; Missouri and Illinois each two and one-half millions, and Pennsylvania two millions. In these six States are produced all the wines of the country, excepting about one million and one-half of gallons raised in smaller quantities in the purhasent der for 5 floring other States. Wines are produced, however, and how have many the in some quantity in nearly every State and Territory, 20,000 gallons a year being credited to New Jersey and 5000 gallons to Delaware. 100 botters of N. sold (1812) from collect The annual value of our wine crop is about \$14,000,000. Mest after these Schore lacker france Merstein. Burgundy vives; grown of

It was recommated that the annual production in the United States amounts in the United States amounts of wine in the United States amounts of the United Stat being caused the lin Greer a ines are nec Marsalac obtaine tilleries which y termixt Western Freity which, WINE 15 distilled IMPROVED ties the res Good womes impose the bad got now hill KEEPING. ded Ma. and a Tokay Buto, proof s 27.8 ; \$ Malbe PER CENT OF in Hungary alcohol to ALCOHOL. 24 per cent. 15-25 PORT Veagues from MADEIRA Cafe of north CLARET Muscat or museave BURGUNDY. Cho not a local name 13 5. CHAMPAGNE, 13 MOSELLE 6.7- 16 RHINE. essian 1 mine HESSIAM Hungarian HUNGARIAN Stalian ITALIAN. 14, -

Firest Rhene mountain orter of Riveskein Minter 40 those acres only - would have only Johannistery works with hours; for Orleans west & bore troops only Sunte better out s or Martheyst grape, or from nature Rhine purhasente them - for 5 flowing of new, Stendery Yohan. allow & aux Empt a Pour methods angueloc MA sold (1872) from colled angueloc MA - boys; then thortesbrum Kniferless jall from Kiesling grape jeghthown a been with at \$1/4, 25 per Cassel wine good. on mt. vesurius, 8 munitos. Languetoe Konsellor, France, Miscoone une, made in 12th Lecture 1867 11th 1868, and of

It is estimated that the annual production of wine in the United States amounts in Dr. round numbers to 20,000,000 gallons. Call to fornia, the largest producer, yields one to fourth this amount, 5,000,000; Ohio about one-sixth, 3,500,000; New York, 3,000,000 and it. Its:

Pennsylvania, 3,000,000. In these six States an are produced all the wines of the country, ng excepting about 1,500,000 gallons raised in Esmaller quantities in the other States. E. Gree of the country of the gallons a year being credited to New Jersey, tiller and 5000 gallons to Delaware. The annual divided whice of our wine crop is about \$14,000,000. IT is estimated that the annual production ing caused wenes are neo whic termixture of adventitious spirits. The samples which, the chief inspector states, were carefully WINE 15 distilled over by an officer of the department, and IMPROVED the results ascertained both by specific gravities KEEPING. The bad got works and a well adjusted Sykes's hydrometer, yielded Meg. Work hand hydrometer proof spirit as follows :- Reisling, 24.5; Muscat, 27.8; Shiraz, 27.8; Verdeilho, 29.0; Sheraz, 29.0; Lypes, Malbec, 28.6; Carbinet, 27.5 PER CENT lowing proportions of alcaha ALCOHOL. in wines! In weight. Port wine 16,6-24 per cent, 15-25 PORT Sherry MADEIRA Madeira 16.7 - 22 MARSALLA Marsalla BORDEAUX Bordeaux & Blancet, 7. - 18 CLARET BURGUNDY TZURGUNDY Champagne 5.8 - 13 5-CHAMPAGNE. Moselle 8. - 13/ MOSELLE I himes 6.7- 163-RHINE, Hessian I hine 10.2 - 15 Hungarian HUNGARIAN Stalian 14, - 19 ITALIAN.

NOTICE TO STOCKHOLDERS.' Board of Directors has this day declared a should dividend of FIVE PER CENT, on the 31 Atl snual dividend of FIVE PER CENT. on the stock of the Company, clear of all taxes, payay 30th, dividend will be paid to ladies only; that date they must await their turn with stockholders, & Powers of Attorney can be had at the Office Company.

EDMUND SMITH,
Treasurer. colore ex-Ba 40 the acres only a word theory At 1 will b unider of ste or wa IZENS' BANK,
For Deposit. Discount and Savings,
sutheast Corner of Second and Race streets.
UAPITAL, FULL PAID, \$100,000,
KHOLDERS LIABLE, AS WITH NATIONAL BANKS.
unts respectfully solicited and liberally accom-Ma Schu Mar)f o in T to T E for these Pom meller weekle there ly Mapolent over his aust Empit terters Cotton of N. sold (1512) (late empro) Naprelem at l wore good.

It was recently stated in Australia by Dr. Thudicum that it was impossible, according to b scientific theory, to produce a natural wine containing more than 26 per cent. of proof spirit. e being caused It seems certain, however, that the Australian wines contain a percentage of alcohol exceeding the limit fixed by Dr. Thudicum. Messrs. E. Greer and Co., of William-street, Melbourne, have e wines are red obtained a report from the chief inspector of distilleries, on samples of Albury wines submitted, which were certified as being free from any intermixture of adventitious spirits. The samples which, the chief inspector states, were carefully hold, using a limit distilled over by an officer of the department, and WINE 15 IMPROVED the results ascertained both by specific gravities and a well adjusted Sykes's hydrometer, yielded mg. and hydrometer wielded proof spirit as follows:—Reisling, 24.5; Muscat, 27.8; Shiraz, 27.8; Verdeilho, 29.0; Sheraz, 29.0; Lyses Show the followable content of the following malbec. 28.6; Carbinet, 27.5 KEEPING, Malbec, 28.6; Carbinet, 27.5 PER CENT lowing proportions of alcohol to be ALCOHOL. in wines (by weight. Port wine 16.6-24 per cent. 15-25 SHERRY Sherry 16. - 25 MADEIRA Madeira 16.7-22 MARSALLA Marsalla 15. - 25 BORDEAUX Bordeaux & Blance, 7. - 18 6-16. CLARET BURGUNDY. Burgundy CHAMPAGNE. Champagne 5.8 - 13 5-15. 8.- 13/11" MOSELLE Moselle 6.7- 16 5-10, of hine RHINE. Hessian Thine 10.2 - 15 HESSIAM HUNGARIAN Hungarian 9. - 15 MALIAN. Stalian 14. - 19

NO CASES Cake and Golden Tobacco. ssrs. H. Jones & Co. will sell SATURDAY, Johannistery works with 40 the acres only - www. lake. only Boxes Baking Powder Cases French Brandy Cases Huntley & Palmer's Biscuits BY ORDER OF SHIPPERS. Upholsterers and House Furnishers. punderent den for 5 floring SATURDAY MORNING Messrs. En Mapolant and his Marchally JONES & Co. will offer at Sale and Empit Pour method TO REMOR OIL CLOTHS 100 bottes of N. sold (1512) for allers seel were good Conquetor Monssellon

Ath same name, - blanco & rosso, had, the difference being caused by the skins. Some wines are red from the juice being naturally so. If it does not spoil, wine is im-WINE 15 IMPROVED BY KEEPING. proved by keeping had wine in the badget with it. And Later analyses show the fol ALCOHOL. lowing proportions of alcohol to be in wines (by weight)? PORT Port wine 16,6-24 percent, 15-25 SHERRY Sherry 16. -25" MADEIRA Madeira, 16.7-22 " MARSALLA Marsalla 15. - 25 BORDEAUX Bordeaux & Blanet, 7. - 18 6-16. BURGUNDY Burgundy 7.3 - 14 " CHAMPACNE, Champagne 5.8 - 13 5-15. MOSELLE Moselle 8. - 13 / W" 6.7- 16 5-15, RHINE. of hime Hessian Thine 10.2-15 " Hungarian 9. - 15 " MALIAN. Stalian 14, - 19 11

226 Strength of Spirits. STRENGTH Brandy, 50-60 per cent. alcohol Whisky 50-60 " Gin 49-60 " Rum 50-60-77 " CHANCES Temperate LIVING. = 15.6 years At 20 = 44.2 years 30 = 36.5 " = 13.8 ", = 11.6 " 40 = 28.8 " 50 = 21. 25 " = 10,8 " = 8.9 " 60=14,285 !! LENGTH ON THE AFT Average Length of Life afte INTEMPERANCE - Beginning of Intemperance. In Mechanics & Laborers \_\_ 18 years. Merchants & Traders 17 " Professional ment of Case 15" Females 14. "

Lecture XI. Listed and worker The constituents of wine are well Man there is little TOKAY, Sweetest is Tokay wine. The Portshas a CHANPAGNE, bout 16 grs. to a gallon; champagne, SHERRY, 6-28 grs; Madeira, 6-20; sherry, 4-20; Moseux, claret, Moselle, For very little. FREE ACIO. 2nd. Free acid, raceric, tartaric, acetic, citric, tansis, carbonic, and fatty acids. County of Conanthie ether (1 part in 4000) is present in wine. Bouquet that this also pay 5; as there is something else which we cannot tell the nature of Wine also contains salts, as tarof lime, phosphate of magnesias. The order of wines according to their amount of free acid, from the least to the greatest is: sherry, port, champagne, claret Madeira, Burgundy, Moselle, and Phine. Wine is less nourishing than beer. It has less no gluten, no netrogen.

I Mysience dose of wine for debility, -Madeira, Sherry, Port, about I fluid owne; Clout or Rhine womes, - 2 fluid ouvers, Champagne I would now advise for and used. It is the least friendly to degister ( in my opinion) fall wow, incless the Sourcest hock. the Rhine wines A London there are it least time as many spirit druky establishments as been and wine slops together. When whisky, gin or brandy costs by the glass or the bottle no more, or even less, than wore, - the inducement is to get the stronger, & thus more stimulus for the money; while the rapid of the spirits sooner begets that the juntempanie. I believe cheap light wines to be an areatous to a country.

our o , ma overciary " , r . chusetts Board of Health. In both offices he is said to bitter or marester pringle have been most efficient. FINE OF A DRUGGIST .- A Paris druggist has just been NOT TORICOR fined five hundred francs for selling, without an order oporific. Il from a physician, pastiles made of calomel. HYDROPHOBIA.—According to M. Bourrel, a vetericaling the inary surgeon at Paris, canine rabies may be prevented by blunting the canine and incisor teeth of the animal. rages135, 8197) GOUT. He has tried it. d with water AULER 71%. In Bremen, a sum of money has been collected to offer as a prize to the discoverer of the most economical WATER neutralize aciditi and æsthetic mode of performing cremation. SPIRITS. PROPERCOP ROKITANSKY of Vienna, has had the word sc. Port is LOG-WOOD. oftener adulterated than any other. hence its use is abandoned in medicine, Manifest wines. Lete almost Champagne much counterfatet Wine is anti scorbulic Jehman proved this many years ago, verified by experience during question of general here whether it is an advantage to CHEAP WINES? cheap wines. Two views are n wine countries VIEWS. intemperance. On the other have is favorable to temperance. The spirits is perhaps owing cold clina encess is greater than wone Best was for hygueric use: Therry - Closet - Best felling least Dow Rhene Wines & soldan

I Mysience dose of wine, for debility, -Madeira, Sherry, Port, about I fluid owne; Clout or Rhine womes, - 2 fluid ouvers. Champagne I would now advise for and use. It is the least friendly to degister ( in my opinion) fall wows, unless the sourcest hock. these there wines MEANS OF DISCOVERING WHETHER RED WINES ARE ARTIFICIALLY COLORED OR NOT .- M. de Cherville, in Le Temps, gives the following useful hints for deciding whether red wines are or are not artificially colored: "Pour into a glass a small quantity of the liquid which you wish to test, and dissolve a bit of potash in it. If no sediment forms, and if the wine assumes a greenish hue, it has not been artificially colored; if a violet sediment forms, the wine has been colored with elder or mulberries; if the sediment is red, it has been colored with beet-root or Pernambuco wood; if violet-red, with logwood; if yellow, with 'phytolac' berries; if violetblue, with privet berries; and if pale violet, with sunflower." A London there are at least time as many spirit druky establishments as been and wine stops together. When whiskey, gin or brandy costs by the glass or the bottle no more, or even less, then wore, - the inducement is to get the stronger, & this more stimulus for the morey; while the rapid that I spirits sooner begets that I intemperate. I believe cheap light works to be an director to a country.

from any bitter or mare otre pringle. NOT TO NICON IN STATE IS NOT SOPROTIFIE STIS more excelling & into xicating the beer? GOUT. It produces gout (hages 135, 8197) Wine is adulterated, with water, AULER 71%. spirits, lime salts (to neutralize acidity, and in port, logwood &c. Port is oftener adulterated than any other. hence its use is abandoned in med-ANTI-OUTIC. Cine. Mamfoot. wins. hete almost Champagne much countratated. Wine is anti- scorbulic Jehman proved this many years ago, and years verified by experience during the Eninean war. A question of general hygiere, is whether it is an advantage to have cheap wines. Two views are taken. Tectotlers say it wine countries there VIEWS. is intemperance. On the other have tendency to spirits is herhaps owing somewhat to cold climate. The dispo sition to excess is greater than with Best wines for Ingarine use: Therry-Closet-Brotheld wend.

End 14th Lecture, 1873. \* Agane Americana: It flooms once in 10 years, in a warm climate; at much longer intervals in the colder. "Continy Plant," Contains trimethylamin - allied to the propulation of fish-brine.

GUARAPO. is made from suigar cane. In Mexico a wine is made from the maquey plant, A hole is out in the pulgue, stem, and the sap allowed to flow. Cach plant yields about 8-15 pints daily for two or three months This pulque soon gets a felid odor and tast which are very disagreeable un AGUARDINATE til kabilitated to it Aquardiente is distilled from it. In the Gast & TODDY. in S. America, toddy is made from the sap of the palm tree with the SPAIS. The next in order come spirets: BRANDY. brandy, whisky, gin & rum distillat Grandy is distilled from grape wine. The best Cograc is from the best wine. It is rastringent, and rather more available than the other Shrits. I'm had non Chained from grain, as barley protato Se. It is often flavored by heat smoke. Empyreumatic

ingridual is very positively deleterious. See Richardson, Living Age, May (or April) 1872, -

233 perhaps cresite 1 " " matter is to this · It contai · Rum 1 RUM. 22200 et is the rila. · Gin GIN and sometimes other ar di wellic: the noertain PREFERABLE tration, but as an a theyshou eltogethe EFFECT ON: riva bad cossidelirium undigistii iver BREATHING of acts of Disc the amou MUSCLES haled, & CHATASS hower. tissue, oftent a mobil extent. (As regards the Elimination of alcohol, some say that it passes

Orthoral Essences (Health, 1873) "hits benzol is artificial ord of thether almosts" Is has a quality; this in no prussinairo in of but to poisoner is dose 1 8 of 9 whs or when long inhaled. ( Orbe) bitter almos can be quite and of prossic and and thay for April) 1872 ough alings the, - as by repeated distillation with Caristic potasso.) Butyone other, in chold, is principle essence. Pelayour other (Quanther ette) in alcohol in greene essence. actate of anylie etter wekelargorelle pear essence. Valenande of ample other, apple some. mixture of aretate of amplicather with butyre other, barana essure. Other similar preparations que servisal other front escives, - structure rasplanz curant, apriet, Ici -

233 pahets crester ; "." matter is often put in to imitate this It contains bulyric ether, verily. GIN Gin contains oil of junifier and smethosother aromatics. It is here, diwretere: though like other stimulants of the kidneys, uncertain WHEN ARE Some states as letterne prosas an article of regimen in health cial organs sind has been found: STOMACH, It harden's the stomagh, altering bad considerium tremens and loss of appelite, LIVER. Indigistion. It increased the liver BREATHING It acts on vespiration, rollanding the amount of carbonic acid, en-MUSCLES haled, of prostrales the muscular charge of tissue, oftent a morbid extent. (As regards the Elimination of alcohol, some say that it passes

234 chosts, By to Byle about well to even about !

the Durbell has asserted this vacation 235 that I aldehyde, not alcoholi unchanged. It is true that much does It is exhaled from the lungo, Where the system needs it, no such exhalation takes place: som low fever.) We destroyed occaldwish permanent satu-COMBUSTION vation of all the tissues. When this is the case, spontaneous combust ion resultation appoint fore inst sportaneously. The average length of life ic are given in the tables (hage 226.) Newson. The younger intemperance becomes a habit, the sooner the downfall. We will now attempt to answer the question, are there circumstan ces in which spirits are advantage explorations, On Rang, Hays, 239 Hooker (Antaretic) & say it assinjurious. Dieppe, find themselves better without So we see that in extreme cold they are disadvantageous. In extremel heat the same thing EXTREME HEAT. is asserted by Drs. Carpenter, Jackson,

and Martin. The rapid deaths of the English in India are owing INDIA. to this cause. So great is the mortal ity, that the ration of spirits has DY. PARKES, been reduced one half. Dr. Farkes advises abolishing it altogether. FLORENCE NEARLY Storence Nightingale is confident that is the great preventive of the acclimation of the British. EXTREME 3rd. In entreme falique. In ship wreck, coffee is better. In war it is a settled thing. In the war of 1812 Surgeon Wann protested against its use As coffee is the soldier's best friend, so spirits may be called his worst enemy. In the Enmean war, Sir John Hall. asserted this. Part of the corps of GERMANIC STOP the Germanic Confederation had spin its and part had not. Of those who had, the average of deaths was 2.17 per cent while of those who had not, it was 1.27 per cent. MALARIA. 4th Des it protect from malaria?

Dr. Drake of Ei stinence is beti YFELLOW 5th Gellow FEVER, out victims a ards. CHOLERA. 6th. Choler drunkards a one else )\* In spile consumed of flarified in a real Britain, alone 25,000,000 gallons ENCLAND a year are used, or in England, SCOTLAND 3/9 gallons per head, Scotland 276, ENGLAND, Ireland 1/2. Ireland has the Dr. Johnson explains it by saying that the beltie race is morelycitable, more easily into dicated, and that the intemperance occurs in those who suffer from want of food, Since the lime of Father Matthews MATTHEWS there has been an increased consumption of spirits in Ireland.

Officially I hazalon Thinks and the count tannel per head of populat a U. SX 1th W.S. population is a drinker

of the Vineland Railroad, and accepted a has sons; the pres Boar position on the New Jersey Southern oad. ¿ Farmers' Club, of Vineland, has been ded a silver medal by the Pennsylvania cultural Society, for the ane display to er ing addi Or. Orake of Cincinal ilade by the ciub at the late exhibition rock usednart especial Despatch to the Public Ledger.] Boar stinence is better. amei FROM WASHINGTON. try, WASHINGTON, Oct. 30. YELLOW 5th Gellow fever. conle wher he po to-day, that in compliance with his Rega Erst, made on the recommendation of the ornissioner of Indian Affairs, he had issued
the sto expel from Indian camps in the
"Native all white men not authorized to ing h the F ous victims are thes light m, with a view of suppressing illicit rule the Indians. Th ards. ANALYSIS OF ORES. made supposed tin ores received at the saili. d Office from Utah Territory, bjected to a chemical analysis, west Ut-is 6th. Chotera. man ble assay, but in neither case sailing trace of tin be discovered. light rs of the U. s. Troops. knap and General Sherman ce with President Grant, todrunkards die Rooner gish. bindition of that Territory, and sin certain Southern States, as ma obser one else tion In spile of It CONSUMED, amount fleariffend In & Great consumed it Britain, alone 25,000,000 gallons ENCLAND a year are used, or in tengland, SCOTLAND 3/9 gallons per head Scotland 276. ENGLAND, Pieland 12. Ireland has the reputation of great-intemperance. In. Johnson enplains it by saying that the Celtic race is moreen citable, more easily into xicaled, and that the intemperance occurs in those who suffer from want of food Since the time of Father Matthews FATHER MATTHEWS there has been an increased consumplion of spirits in Ireland.

THE SALES OF LIQUORS in the United States during the fiscal year ending June 30th, 1871, it has been calculated by Edward Young, the Chief of the Bureau of Statistics, amounted to six hundred millions of dol-lars. This total is made up as follows:— Sixty million gallons of whisky, at six dollars a gallon retail, \$360,000,000. Two and a half million gallons of imported spirits at ten dollars a gallon, \$25,000,000. Ten million seven hundred thousand gallons of imported wine at five dollars a gallon, \$58,500,-000. Sixty-five million barrels of ale, beer, and porter, at twenty dollars a barrel, \$130,-000,000. Native brandles, wines and cordials in unknown quantities, it is estimated have been consumed, involving an exp diture of \$31,500,000. These figures, alth not so large as some that have beer lished, yet give a total that should a the consumers of ardent spirits. Th of six hundred millions of dollar would in less than four years pa National debt, or if invested in internal improvement, would con the unfinished and projected worl United States.

SUMPTION OF ALCOHOL IN FRANCE,-Dr. Jolly, a French statist, announces that the consumption of spirituous liquors and alcohol is making rapid progress in France. Dir. Drake of Cincinal In 1788 there were but 4,400,000 gallons of alcohol sold during the entire year, but in 1840 this amount had swollen to 22,000,000 gallons, stinence is better. and in 1863 to 66,000,000 gallons. In 1840 the consumption of alcohol in Paris was equivalent annually to seven quarts for each in-YELLOW 5th Gellow fever. habitant, but now the average is twentysix quarts. Dr. Jolly says that 300,000 Paous victims are until keeper. In the hand, and severer 1860 6th. Cholera. It is certain that drunkards die sooner than any one else \*
In spile of this the amount consumed of fearified in & Great CONSUMED, Britain, alone 25,000,000 gallons ENCLAND a year are used, or in tengland, SCOTLAND 3/9 gallons per head Scotland 276. ENGLAND Dieland 1/2. Ireland has the reputation of great-intemperance. Dr. Johnson explains it by saying that the Celtic race is morethcitable, more easily into dicated, and that the intempleance occurs in those who suffer from want of food Since the lime of Father Matthews FATHER MATTHEWS there has been an increased consumption of spirits in Ereland.

draws emparam ounding persons; the agreeable privacy of ited bunding persons; the agreeable privacy of onversation ceases, and you become the delaimer to a small audience. The effect of this salmost inevitable to silence your companion, arrieularly if that companion be a lady, and fordinary lady-like sensibility. There is an apposite extreme of all this, however, which is equally to be deprecased. It is pitching the oice so low, and using so little tone, that renarks have tiresomely to be repeated; morever, imparting to the conversation a conficential character, by which, when combined with a certain bending deleaning towards the person with whom you are conversing, we have seen ladies excessively and justify annoyed. jard dics. hol-Jol-Ill at be an 108n-D,wer, annoyed. It should be serer, at twenty dollars a barrel, \$130,-\* 000,000. Native brandles, wines and cordials in unknown quantities, it is estimated have been consumed, involving an exr diture of \$31,500,000. These figures, alth not so large as some that have beer lished, yet give a total that should a the consumers of ardent spirits. Th of six hundred millions of dollar would in less than four years pa National debt, or if invested in internal improvement, would conthe unfinished and projected work United States.

Dr. Drake of Cincinalis stinence is better. DAY MORNING, JULY er YELLOW 5th Gellow fever. ous victims are uno the Gettigan, who shot James Carroll, to the Reeper, in the hand, and severely 30 day progress and note as precisely as 6th. Cholera. It is certain that one else \*

In spile of this the amount consumed of flearifine on & Great CONSUMED, Britain, alone 25,000,000 gallons ENGLAND a year are used, or in tengland, SCOTLAND 3/9 gallons per head, Scotland 27, ENGLAND, Pilland 1/2. Ireland has the reputation of great-intemperance. Dr. Johnson explains it by saying that the Oeltic race is morech. citable, more easily into dicated, and that the intempleance occurs in those who suffer from want of food Since the lime of Father Mattheut FATHER MATTHEWS there has been an increased consumption of spirits in Ireland.

DEATHS FROM INTEMPERANCE,-The statistics of the General Life Insurance Company of London, it is announced, prove that if one hundred thousand intemperate and persons from fifteen to seventy years of age be compared with one hundred thousand olpersons of regular habits, thirty-two of the former class will die as frequently as ten of da nthe latter class. Out of one hundred thousand of each class 16,907 of the intemperate, it is said, will be dead before the age of fifty, A on wand only 4266 of the temperate. The proporwitton of the deaths of intemperate to tem-war, an perate persons, it is calculated, is, therefore, 130,-Jthirty-two to ten. lials in unknown quantities, it is estimated have been consumed, involving an exr diture of \$31,500,000. These figures, alth not so large as some that have beer lished, yet give a total that should a the consumers of ardent spirits. Th of six hundred millions of dollar would in less than four years pa National debt, or if invested in internal improvement, would conthe unfinished and projected work United States. S. population is a drunka

LEDGER AND TRANSCR Dr. Drake of Cincinal 215 OR A Philadelphia. Tuesday, August 4, 18 Baston and the Centennial.

The Boston Globo recently contained following: Now, shall the Centennia hibition of 1876 be a success? It is a litting thing that at that period in our tional history we should, for our own sum up the results of our work and ende to ascertain where we stand among the tlons of the earth. It will aid us in the forts of the future thus to take an account our progress and note as precisely as 1 stinence is better. YELLOW 5th Gellow fever. ous victims are uness our progress and note as precisely as 1 6th. Cholera. It is certain that drunkards die sooner than any one else \*
In spile of of this the amount consumed of fearified on & Great one else. )\* CONSUMED, Britain, alone 25,000,000 gallous ENCLAND a year are used, or in England, SCOTLAND 3/9 gallons per head, Scotland 279, ENGLAND, Ireland 1/2. Ireland has the repulation of great-intemperance. Dr. Johnson explains it by saying that the Celtic race is moreencitable, more easily intoxicated, and that the intempleance occurs in those who suffer from want of food Since the time of Father Matthews MATTIMENS. there has been an increased consumption of spirits in Ireland.

Los nears and chusetts. Flip and toddy were sinful drinks ne also much in vogue with our abandoned and also much in vogue with our abandoned and also much in vogue with our abandoned and also much also with a single with a sin also much in vogue with our abandoned and cestors. Madeira was the favorite wine all ever the country, and rum punch found is, it is to ver the country, and rum punch found is students of Harvard were allowed "in a sober manner to entertain one another and strangers with it," the correction having decided rum punch "as it is now commonly made, no intoxicating liquor." Now-aday Massachusetts courts decide lager beer to be intoxicating. Can it be that our heads no intoxicating. Can it be that our fathers? There were plenty of chances to wet one's whistle in those days. One house in every ten in Philadelphia sold drink, in 1774. So the grand jury found.—F. W. Frost in the grand jury found.—F. W. Frost in the grand jury found.—F. W. Frost in the last control of the control of the country and extending the control of the con have been consumed, involving an exp diture of \$31,500,000. These figures, alth not so large as some that have beer lished, yet give a total that should as the consumers of ardent spirits. Tr of six hundred millions of dollar would in less than four years pa National debt, or if invested in internal improvement, would conthe unfinished and projected work United States.

Dr. Drake of Cincinatti shows that abstinence is better. FEVER. out victims are unacclimated dunk ards. 6th. Cholera. It-is certain that one else \*

In spile of this the amount consumed it floright In & Great Bolain, alone 25,000,000 gallons ENCLAND a year are used, or in tengland, SCOTLAND 3/9 gallons per head, Scotland 2/9, ENGLAND, Preland 1/2. Ireland has the repulation of great-intemperance. Dr. Johnson explains it by saying that the Celtic race is moreencitable, more easily into dicated, and that the intemperance occurs in those who suffer from want of food Since the time of Father Matthews MATTIMENS. there has been an increased consumplion of spirits in Ireland.